

FIG. 1

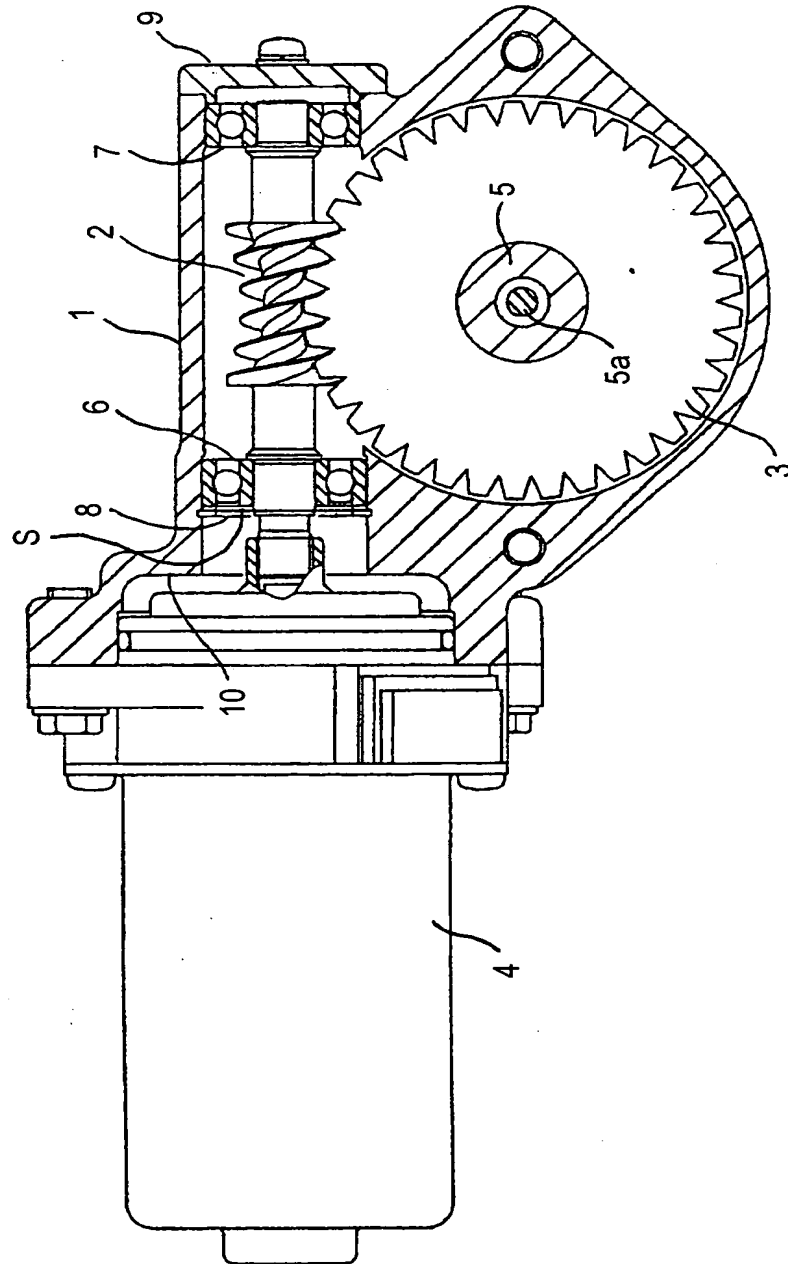


FIG. 2

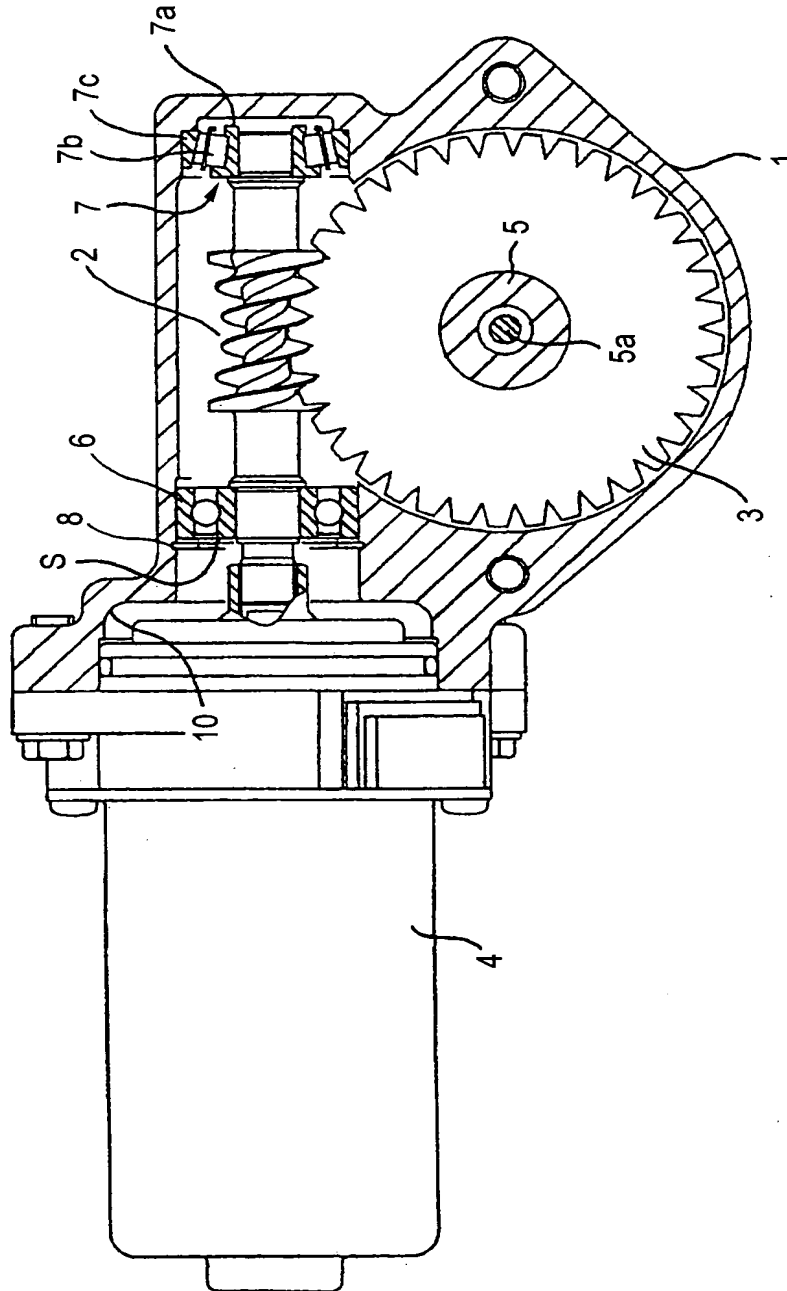


FIG. 3D

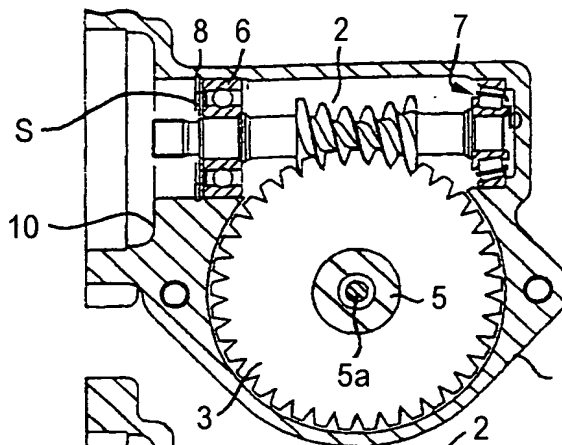


FIG. 3C

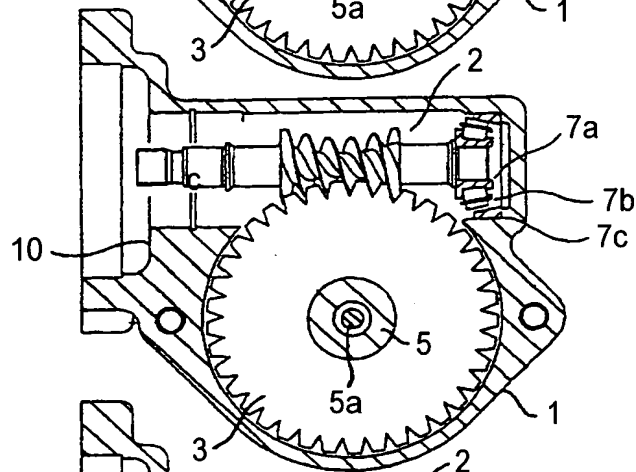


FIG. 3B

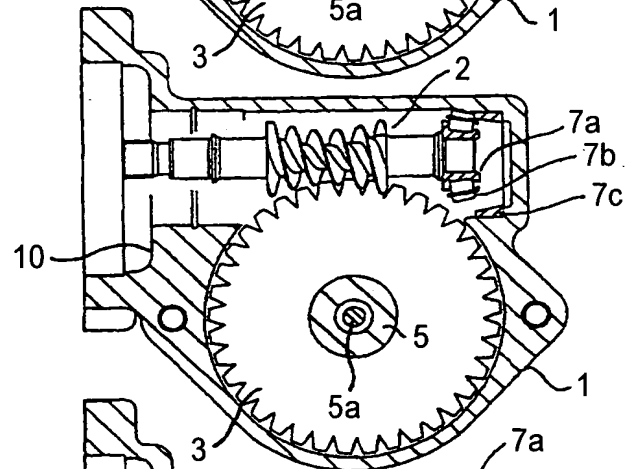


FIG. 3A

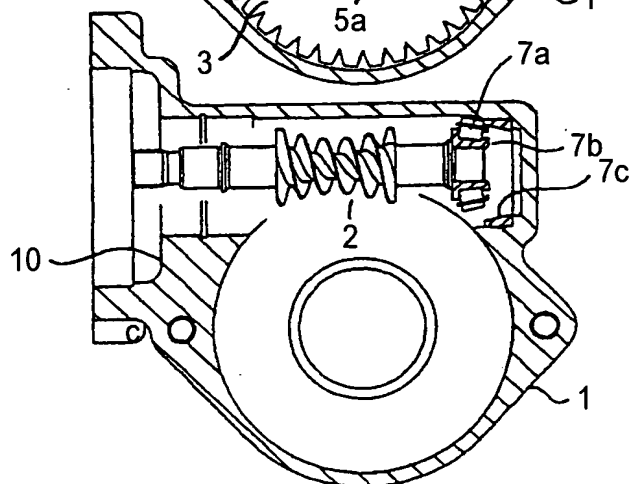


FIG. 4

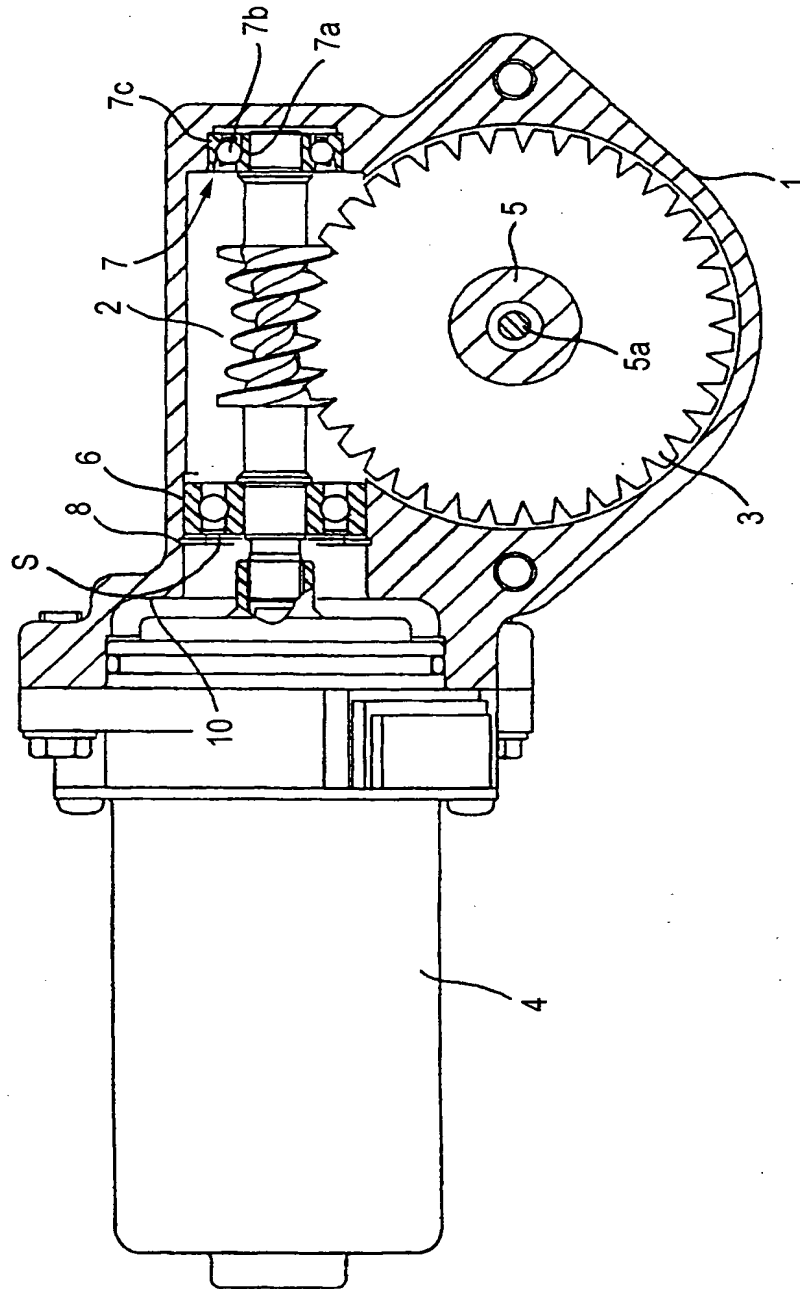
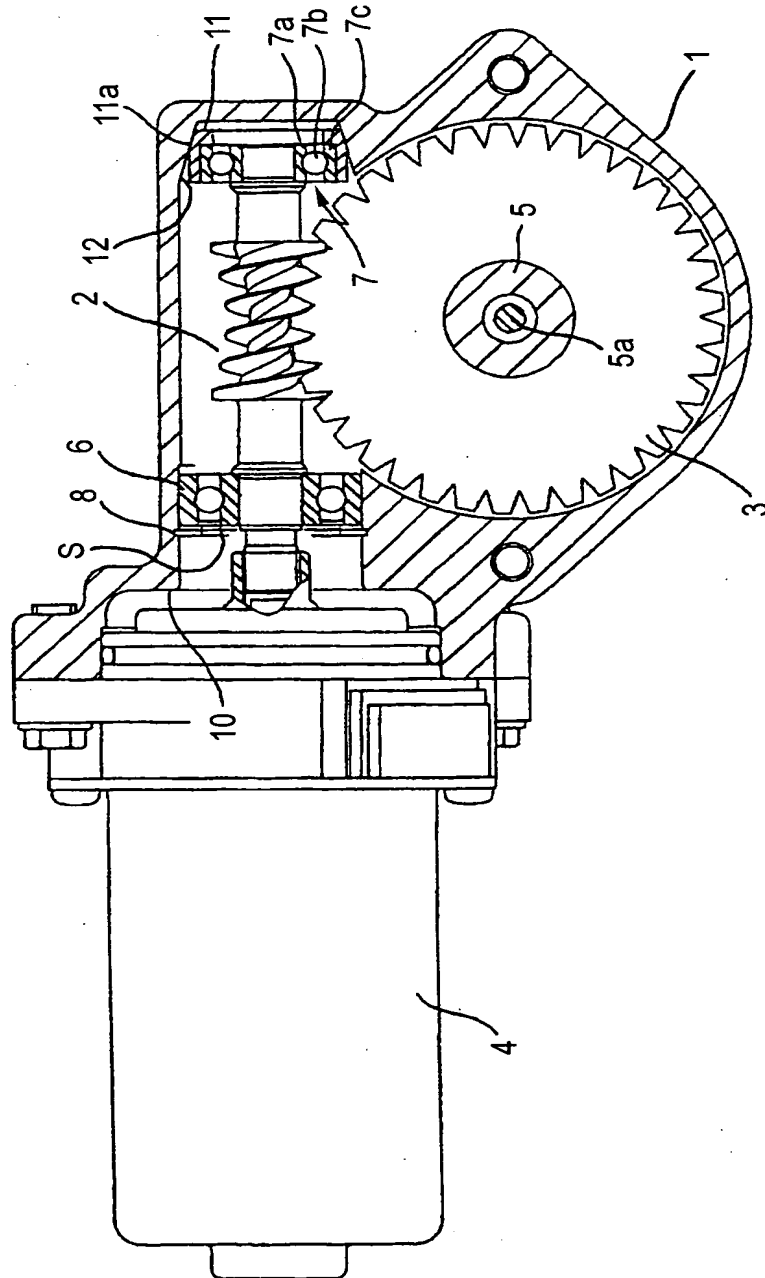


FIG. 5



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FIG. 6

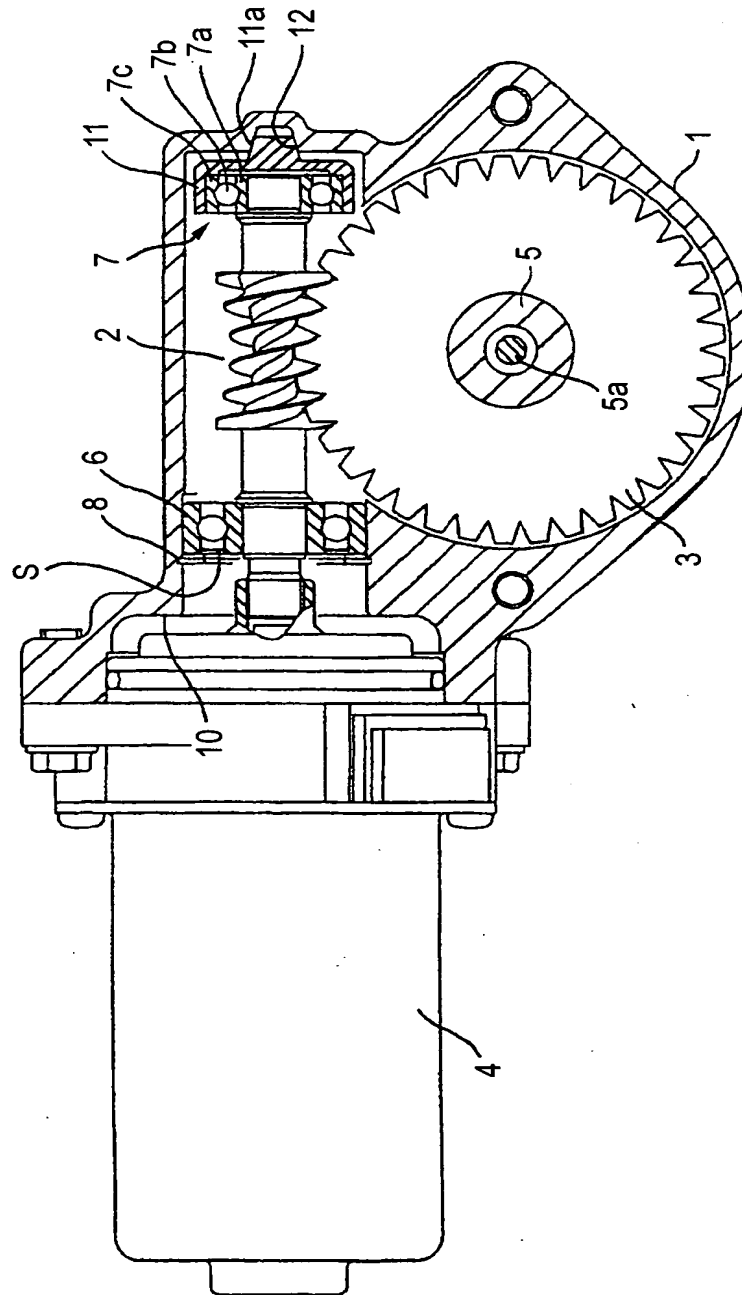
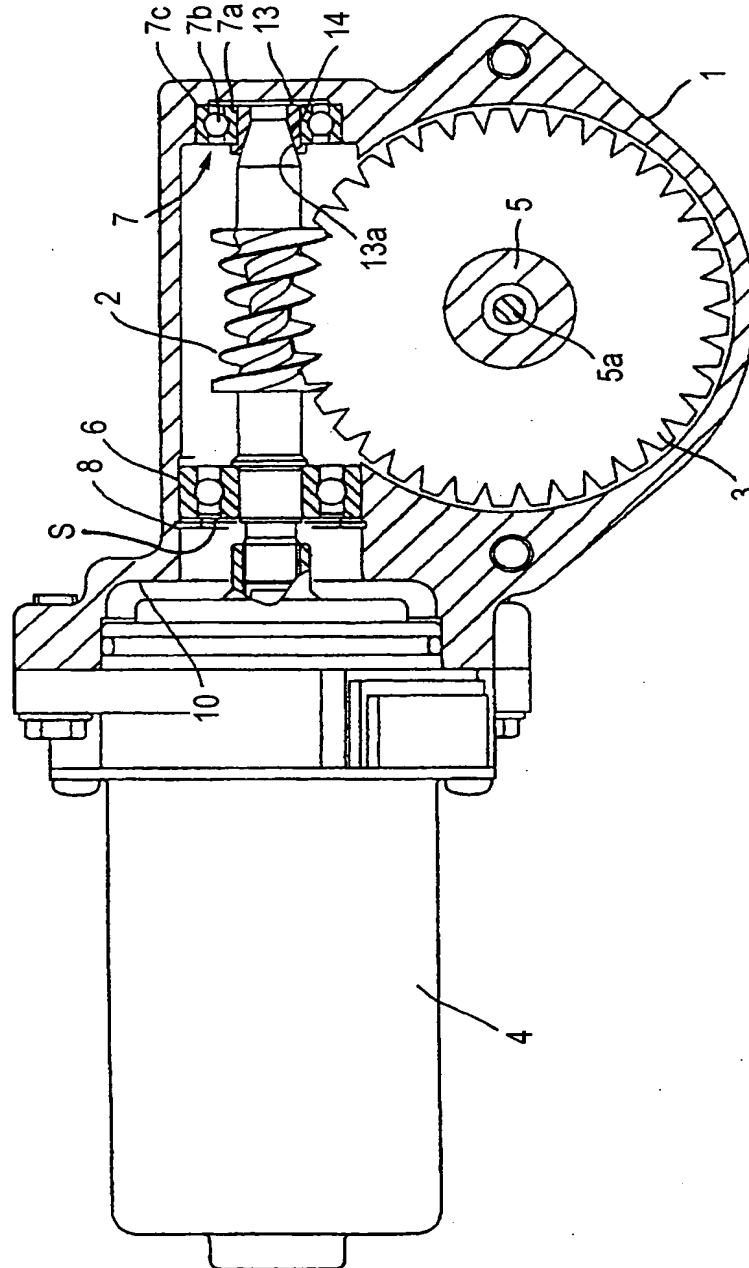


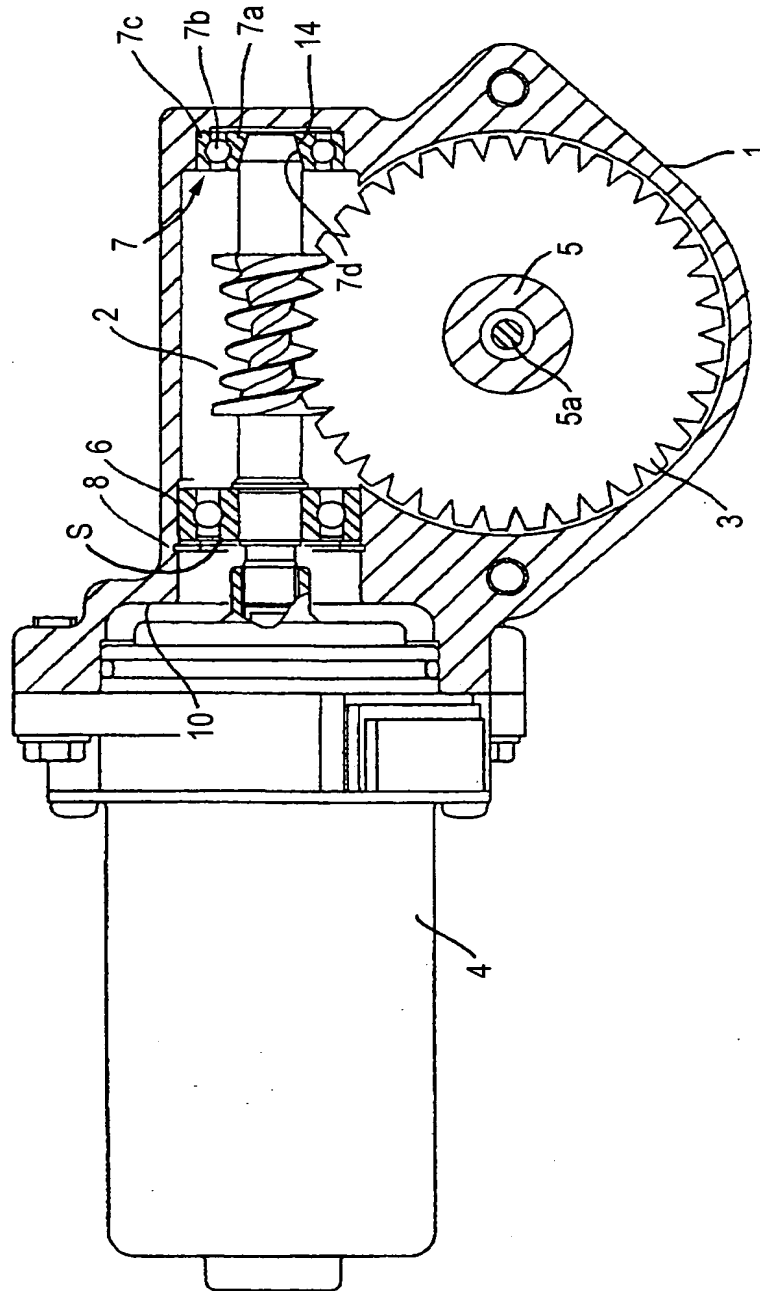
FIG. 7



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FIG. 8







A detailed cross-sectional diagram of a mechanical assembly, likely a pump or motor. The diagram shows a central shaft (13) with a helical spring (13a) and a gear (13b) mounted on it. The shaft is supported by bearings (17, 18, 19) and is connected to a motor (4) at the bottom. The assembly is housed within a casing (1) with a gear (3) and a central hub (5) with a central screw (5a). Various other components are labeled with numbers 1 through 20.

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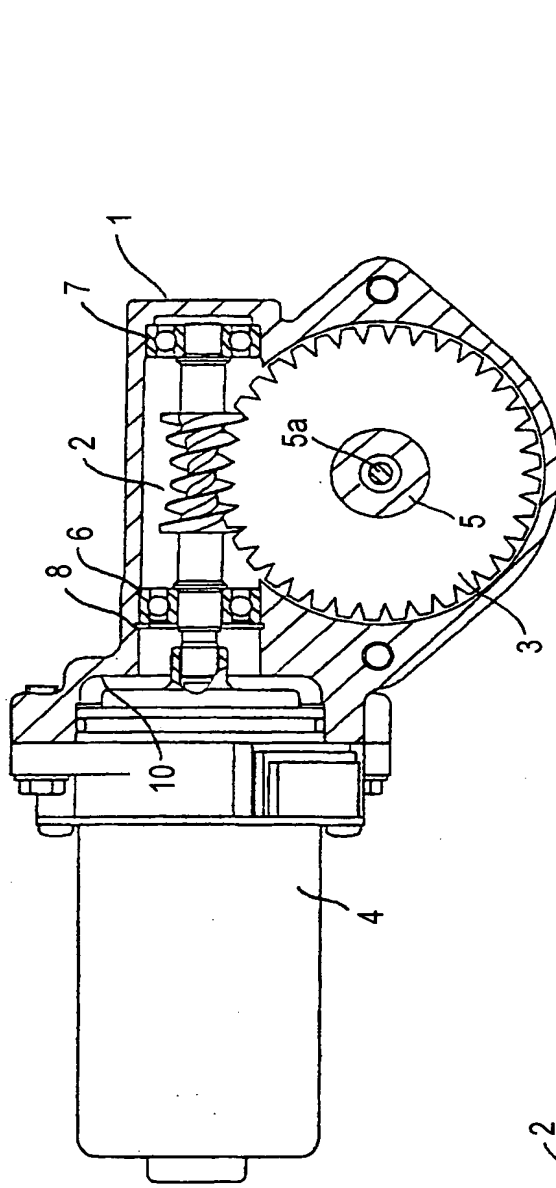


FIG. 11B

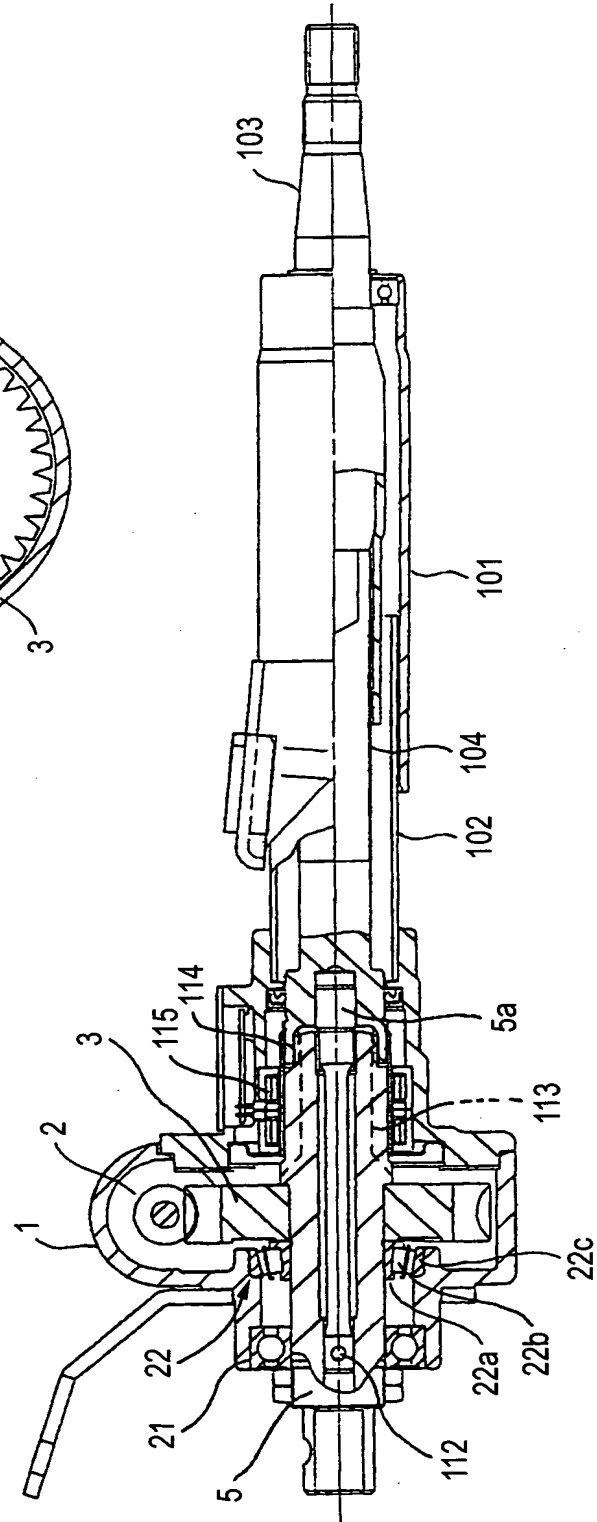


FIG. 11A

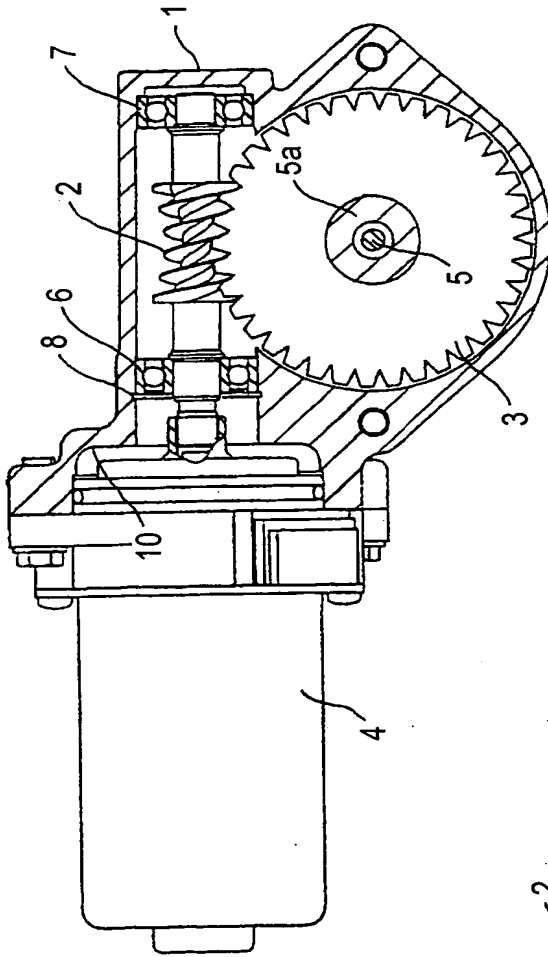


FIG. 12B

FIG. 12A

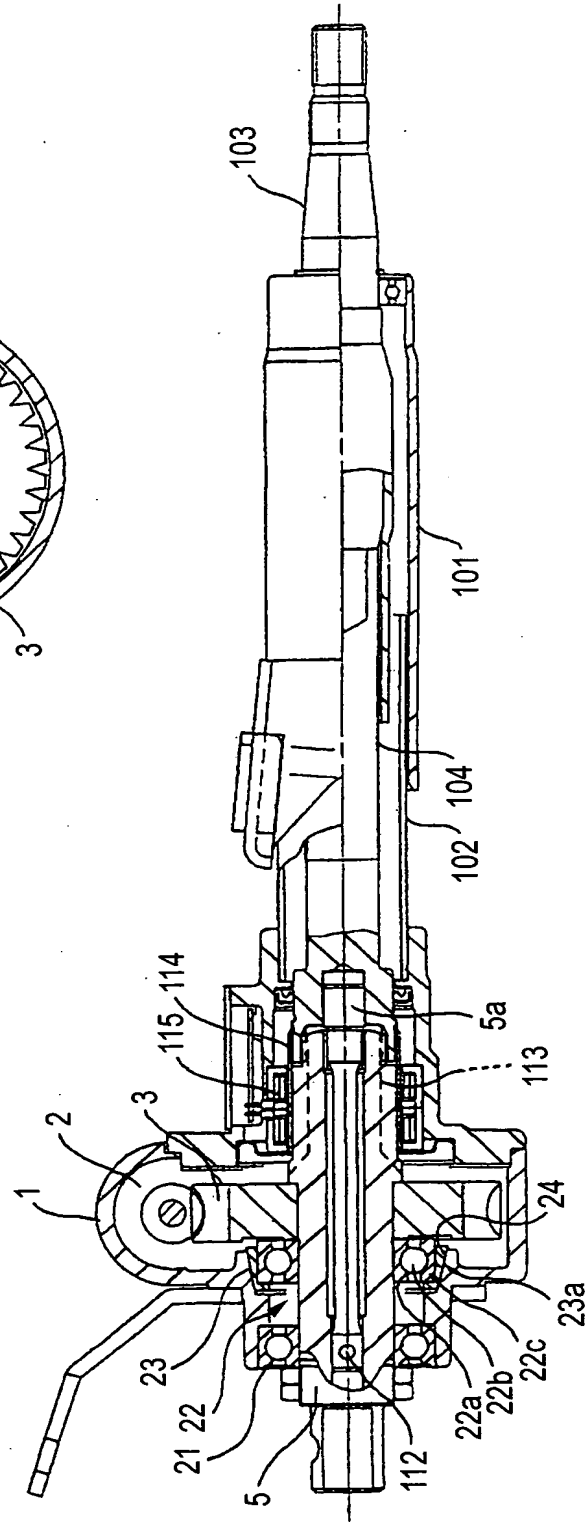


FIG. 13

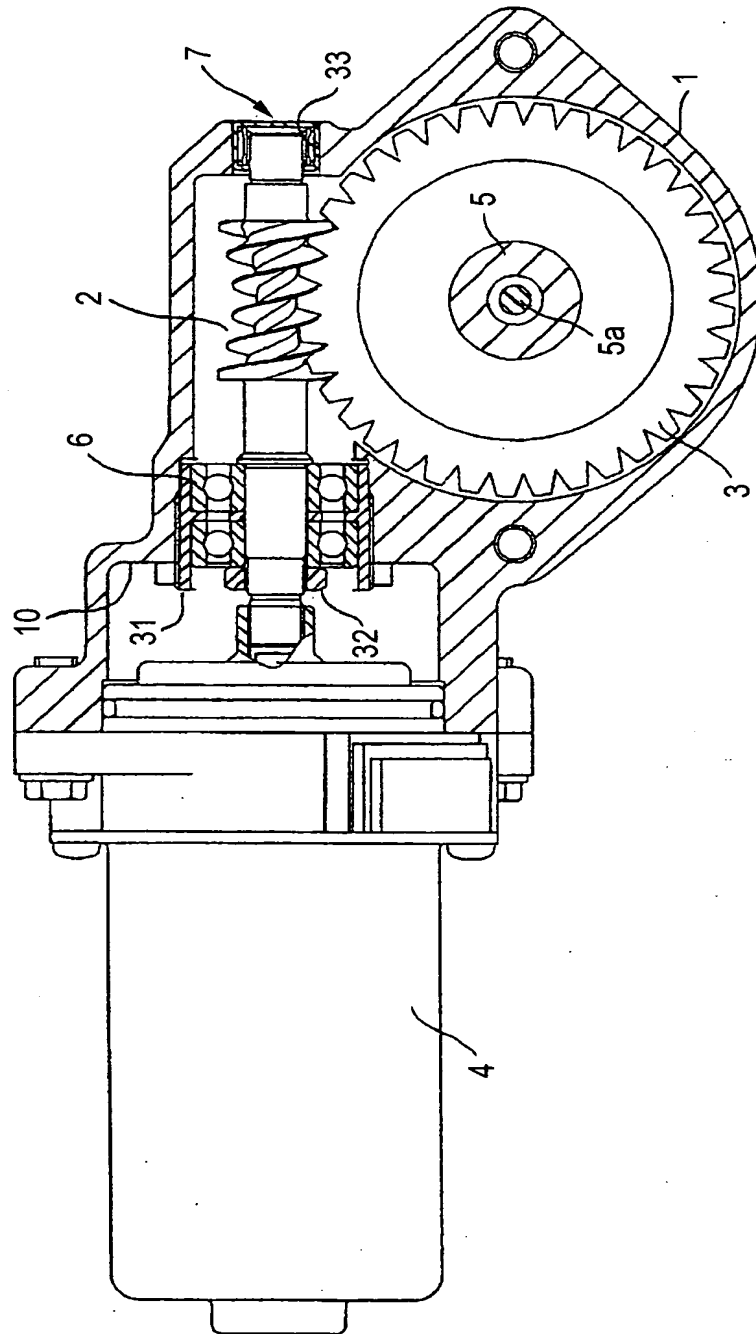


FIG. 14

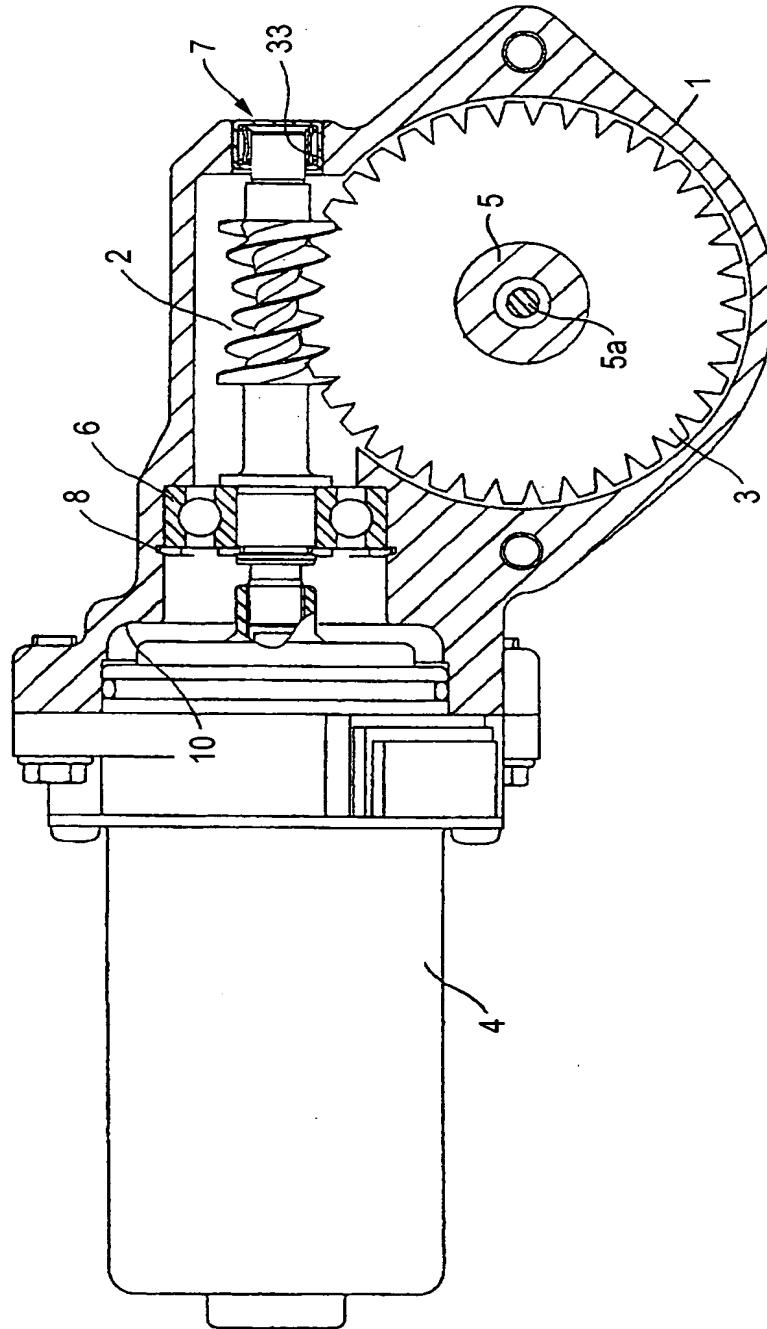
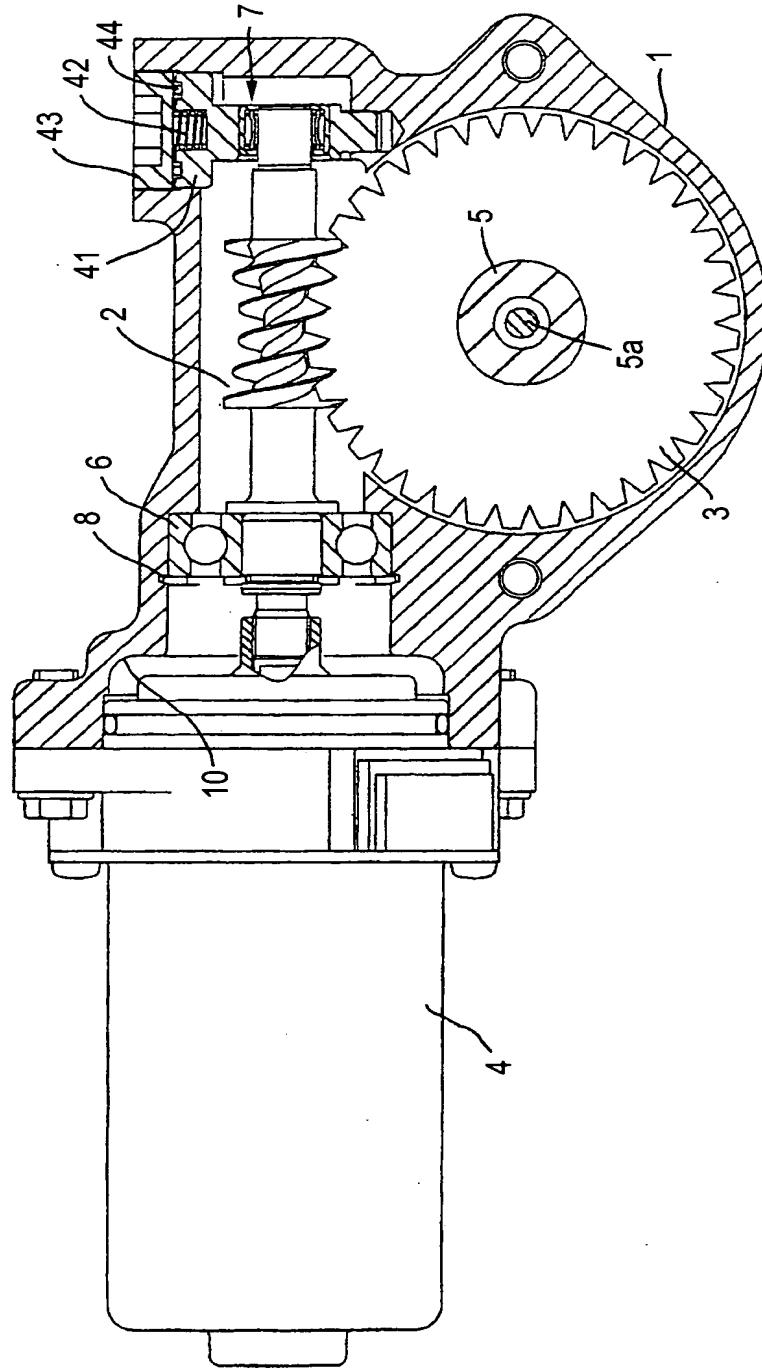


FIG. 15



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FIG. 16C

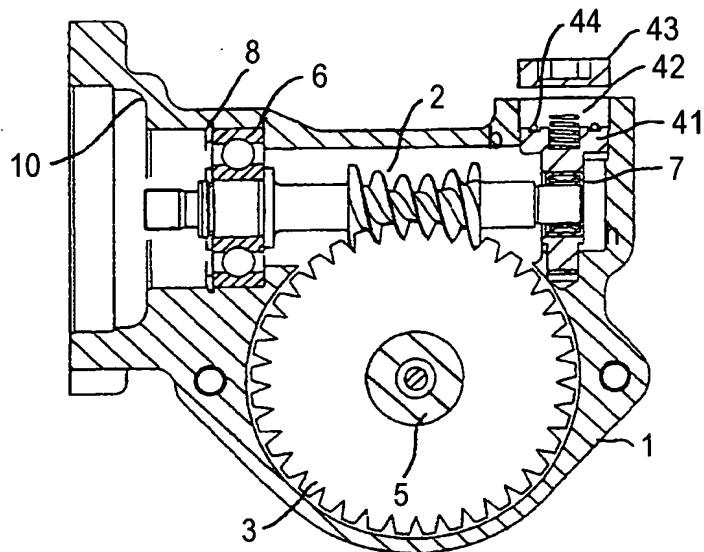


FIG. 16B

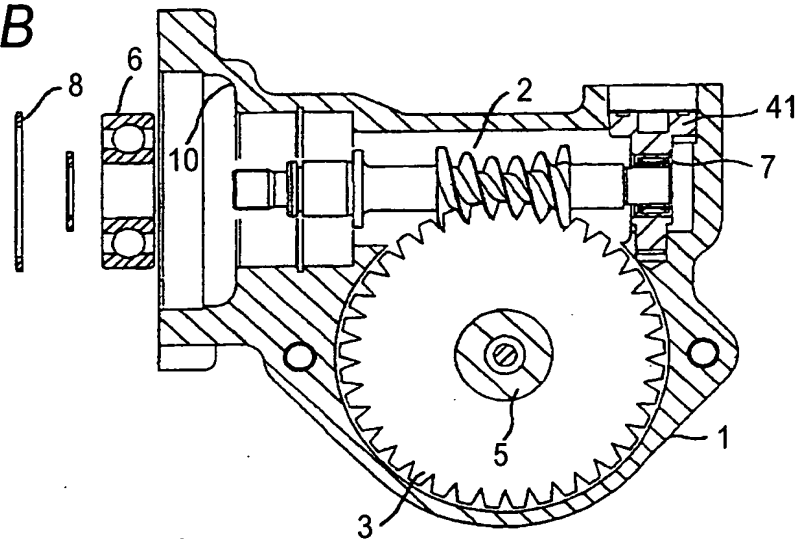


FIG. 16A

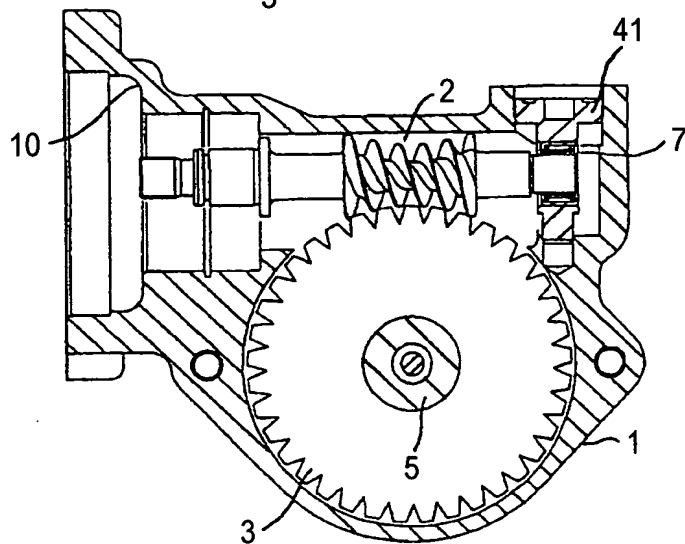




FIG. 17

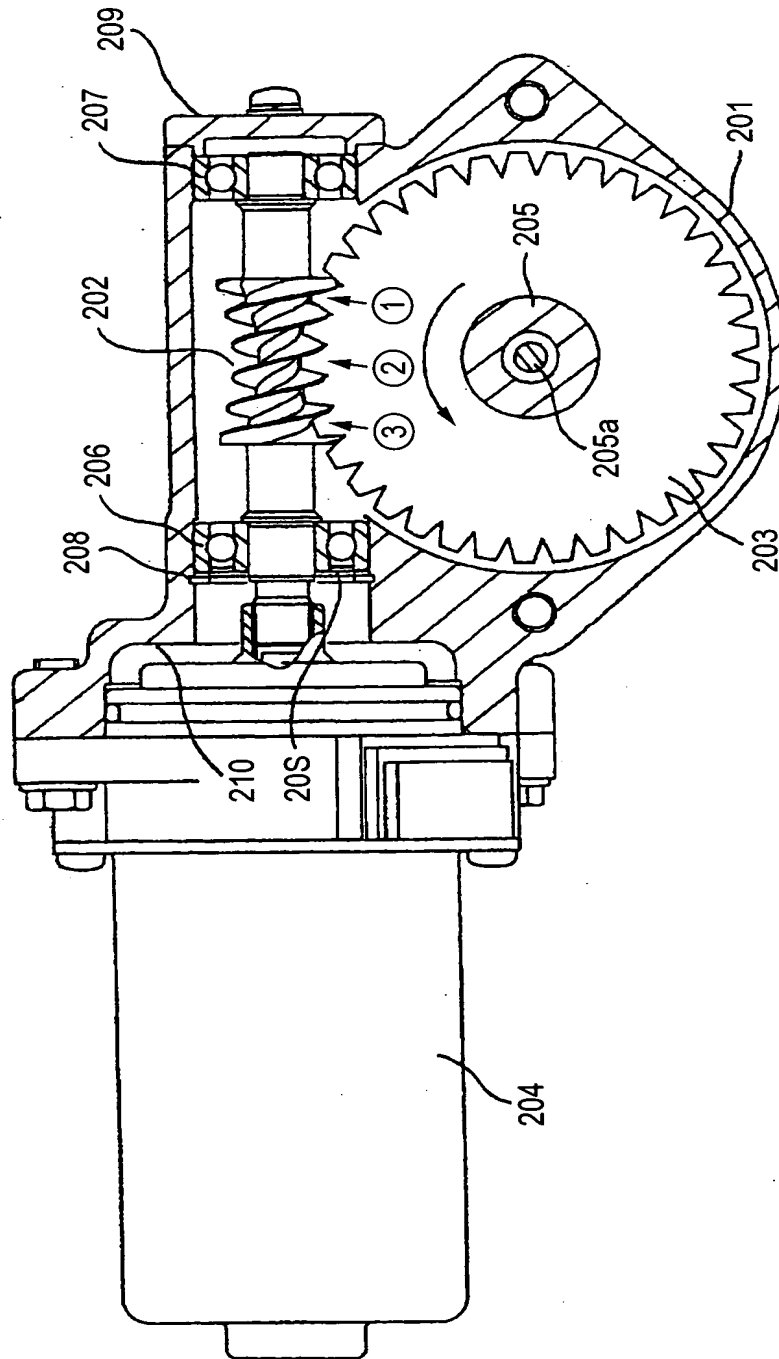


FIG. 18

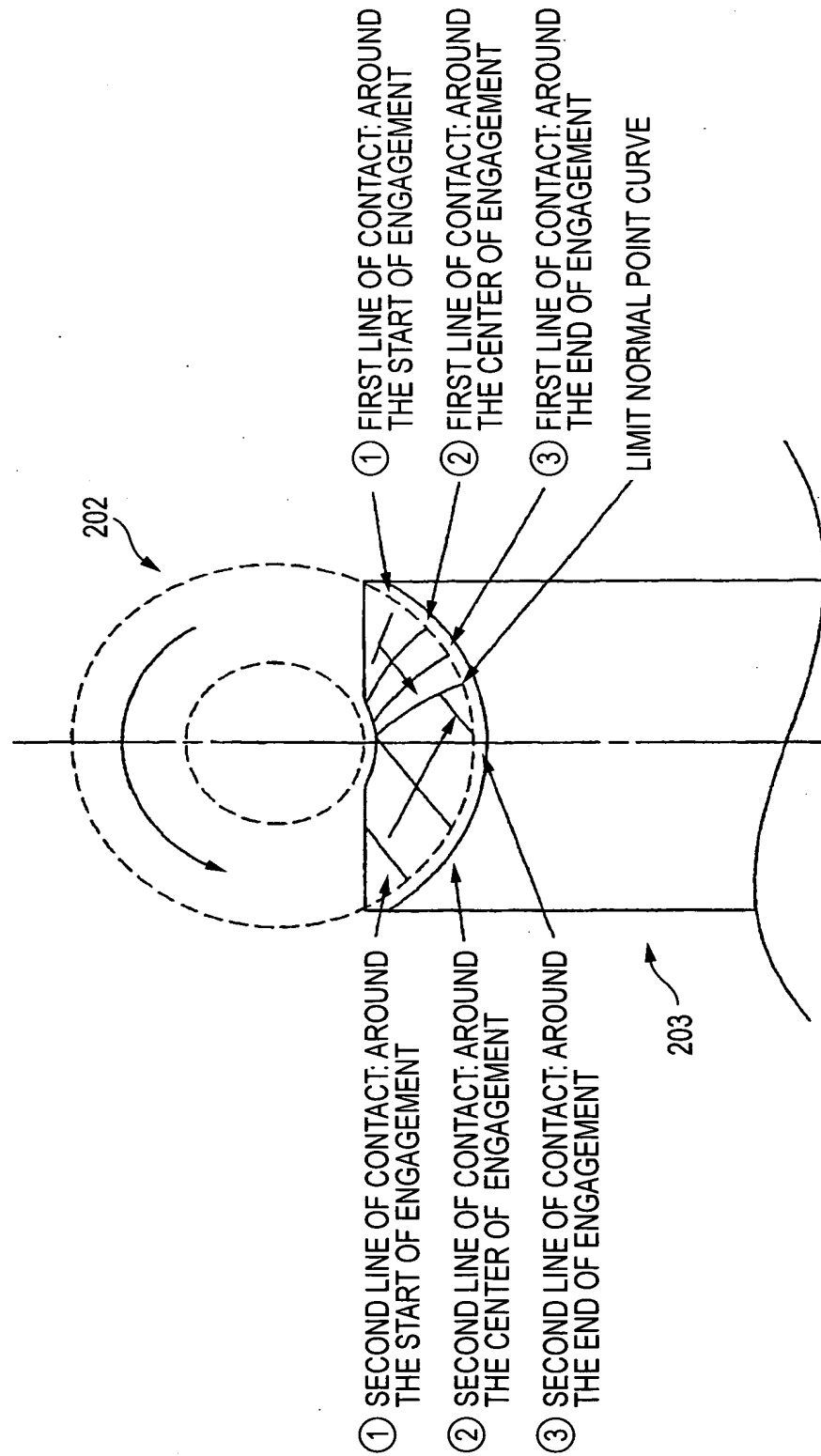
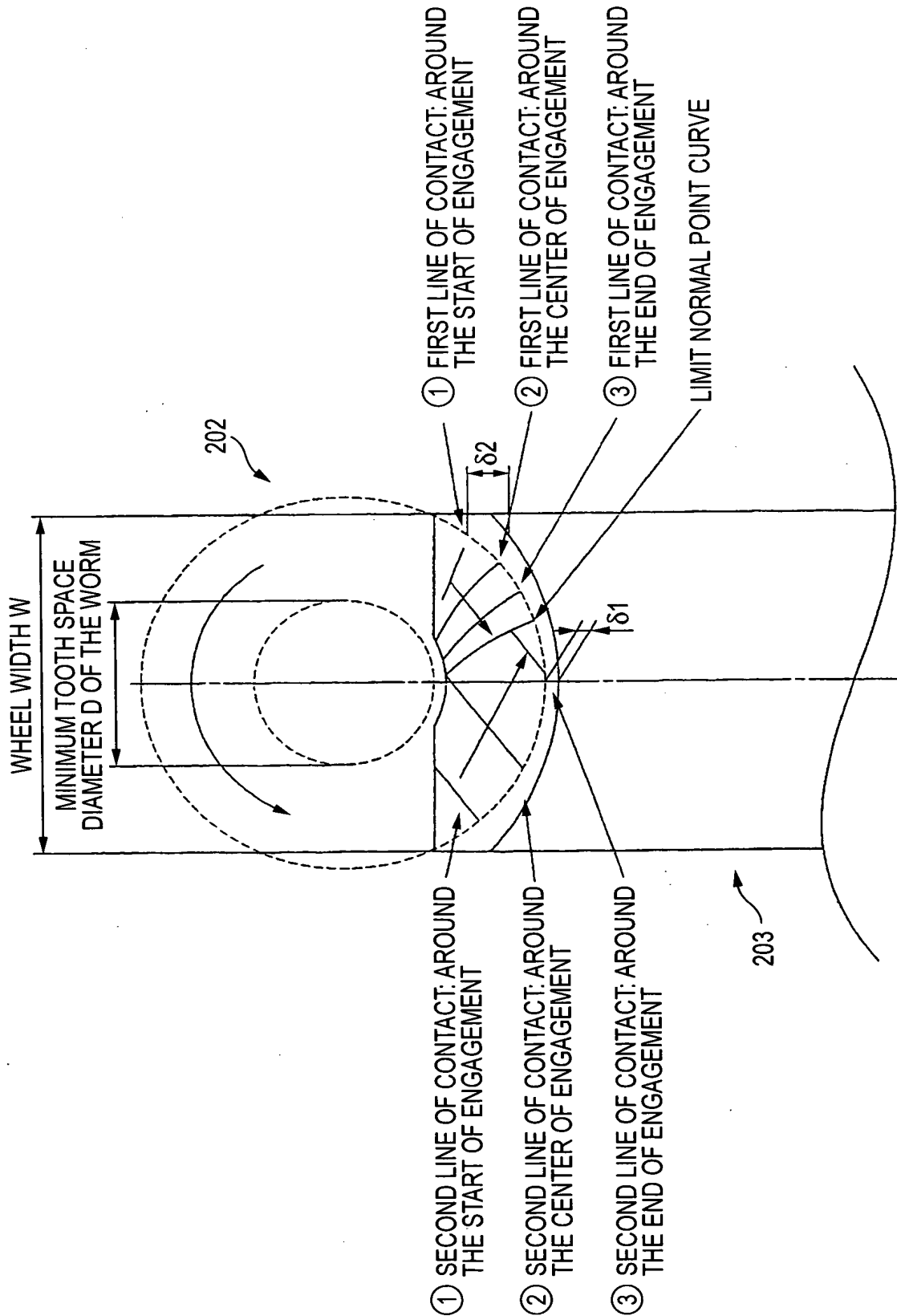


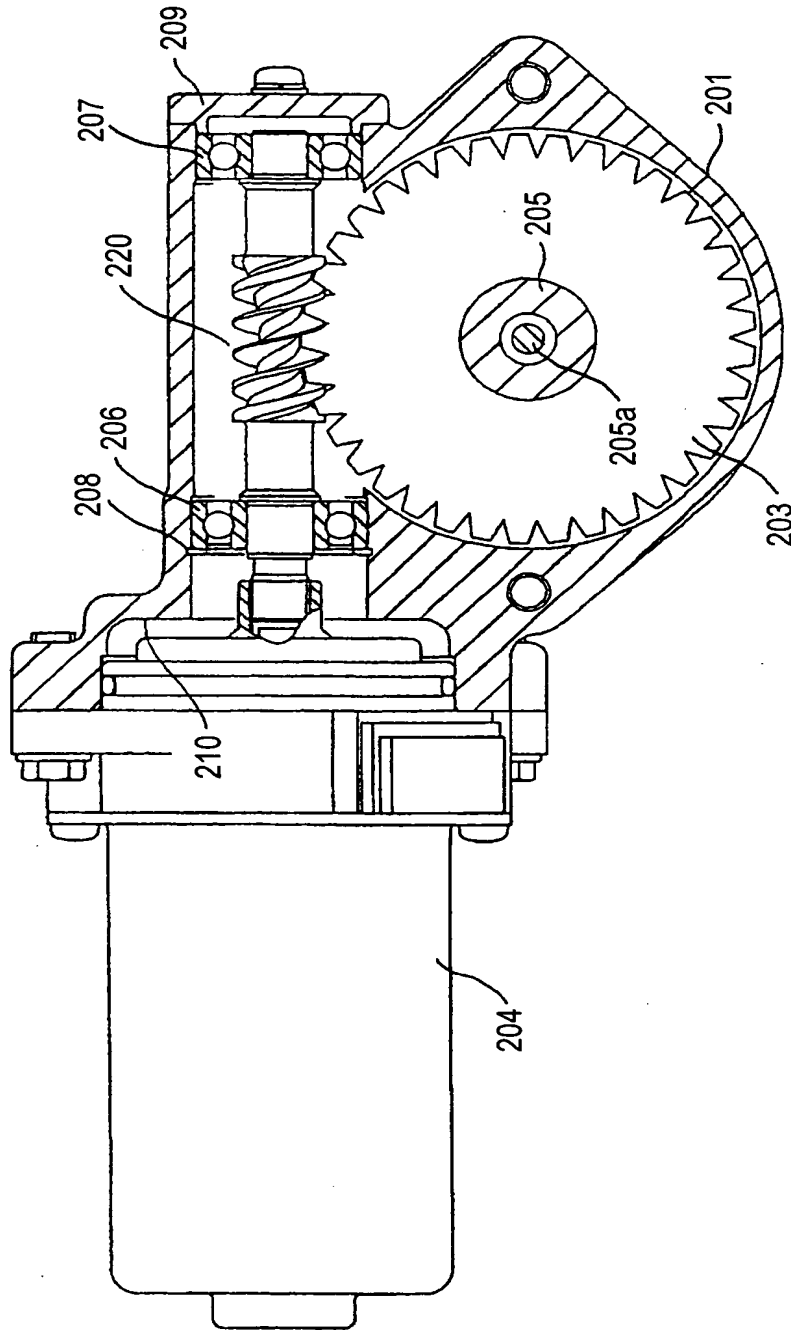
FIG. 19



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FIG. 20



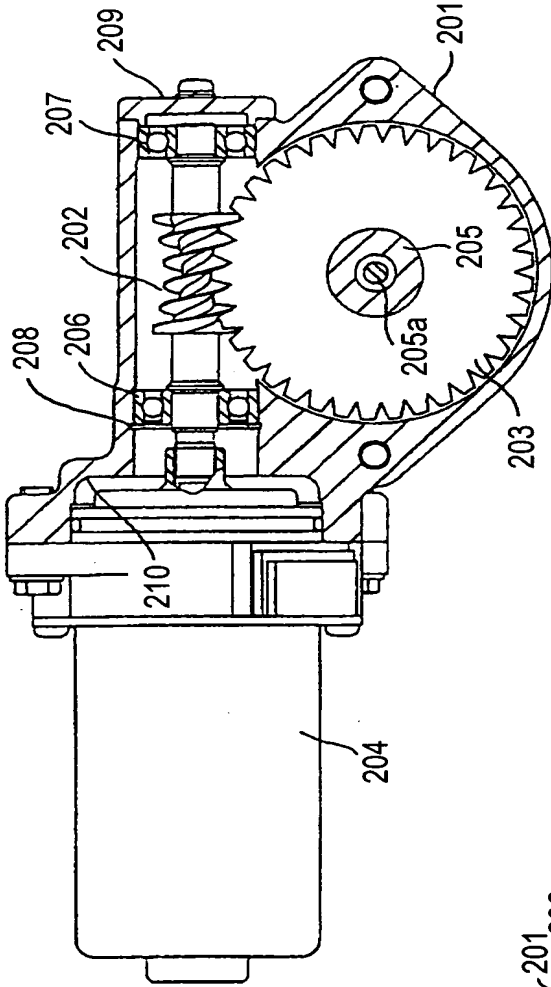
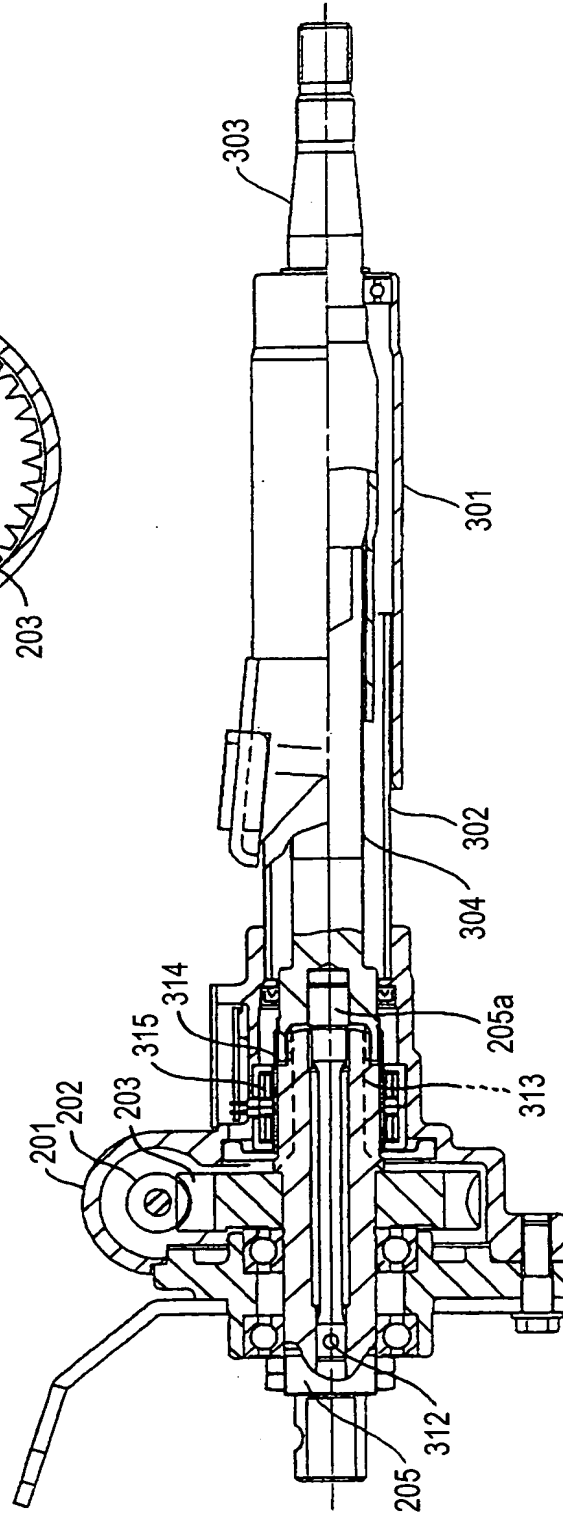


FIG. 21A



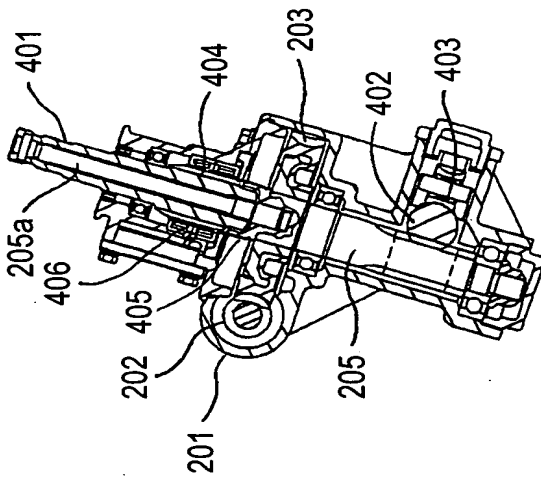


FIG. 22B

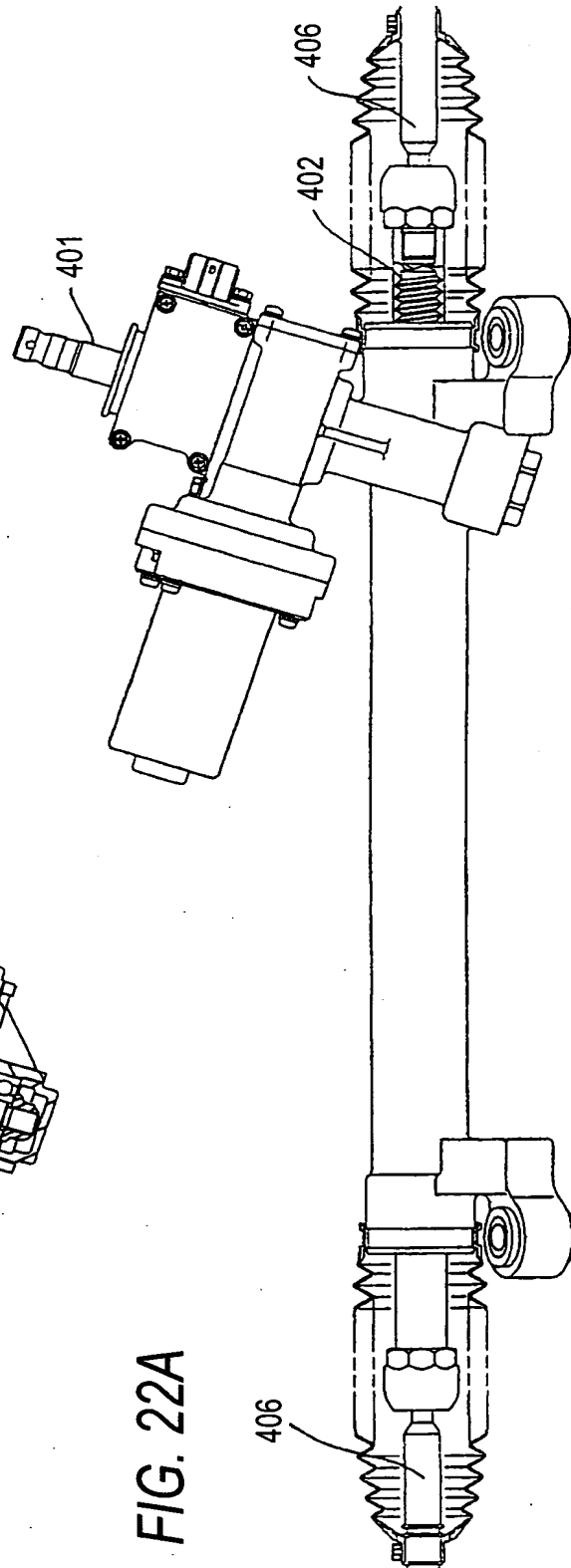
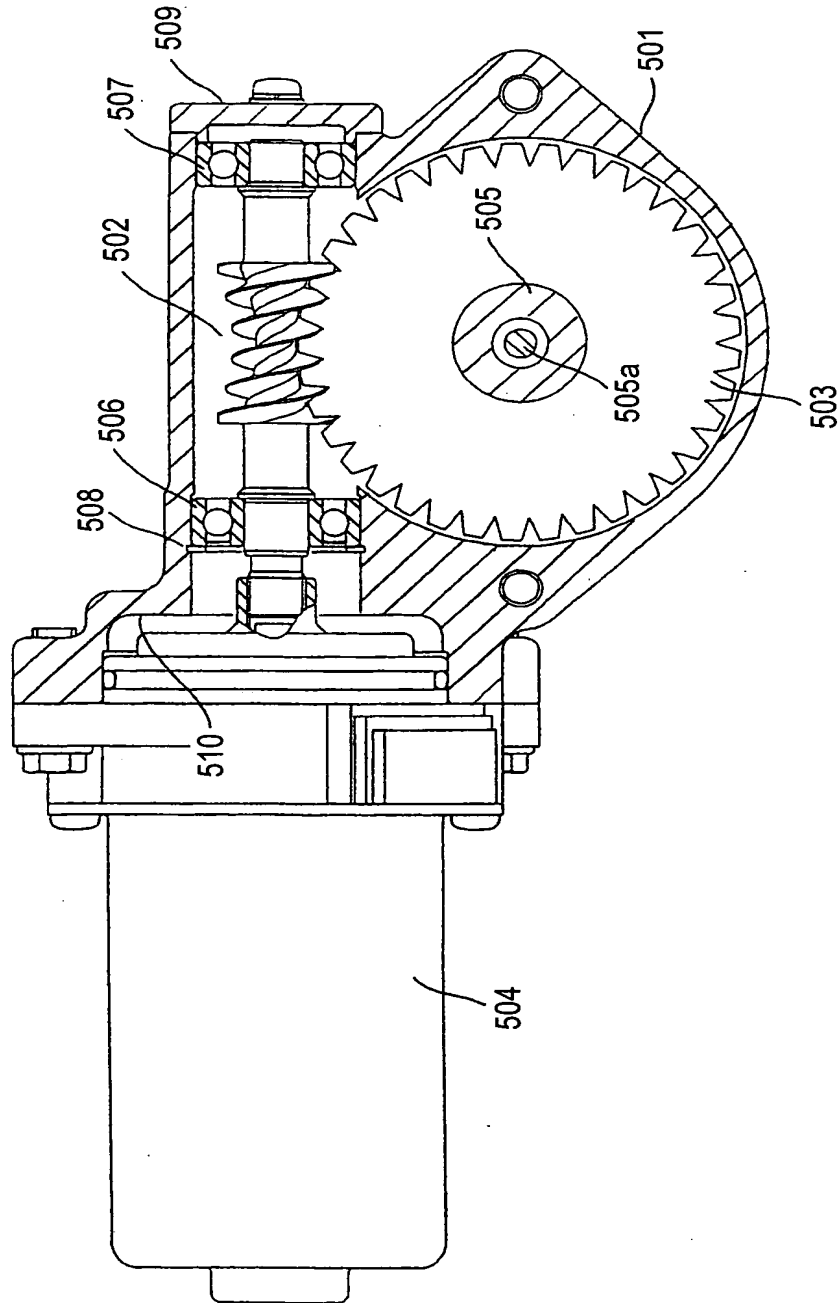


FIG. 22A

**FIG. 23**



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FIG. 24A

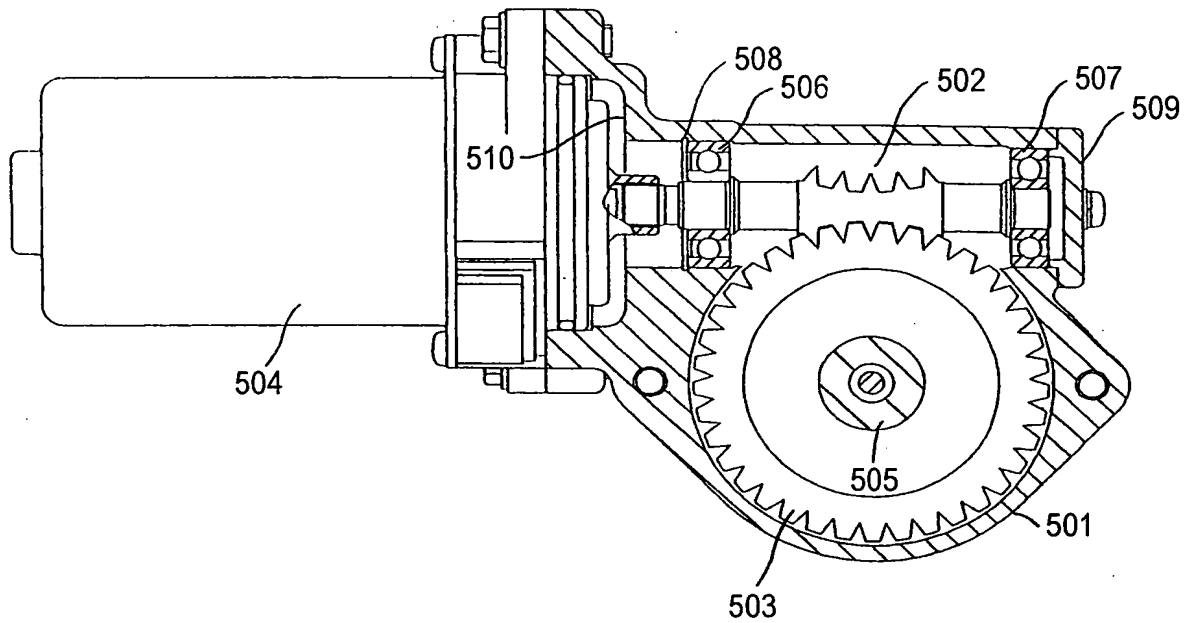


FIG. 24B

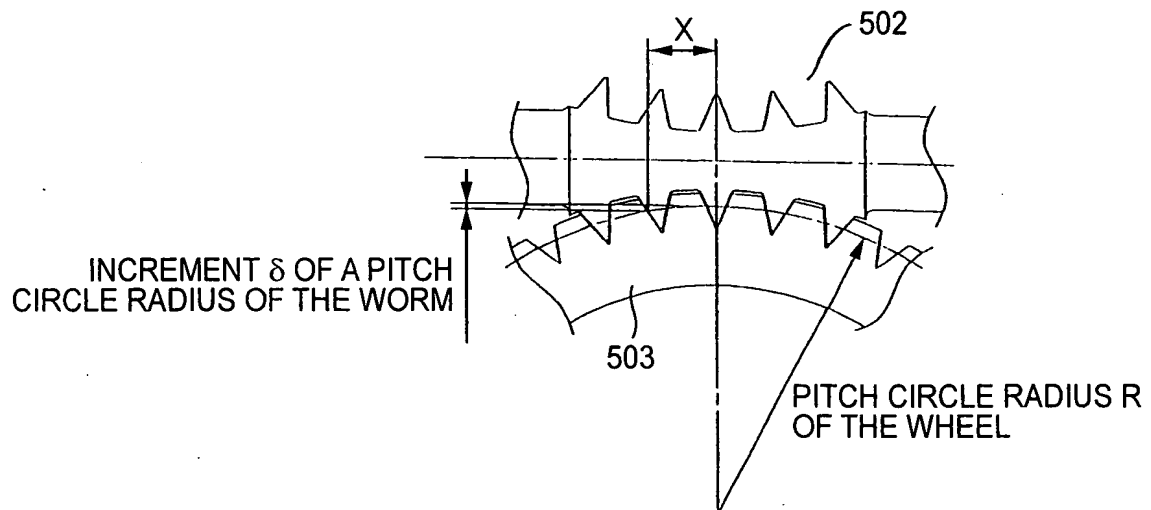




FIG. 25A

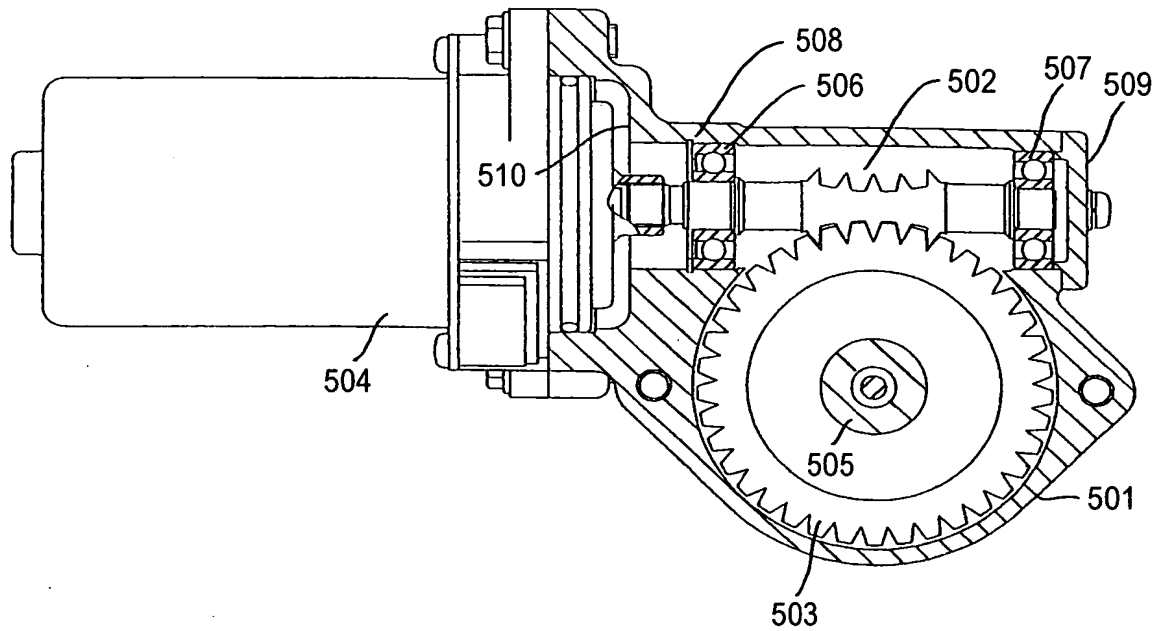


FIG. 25B

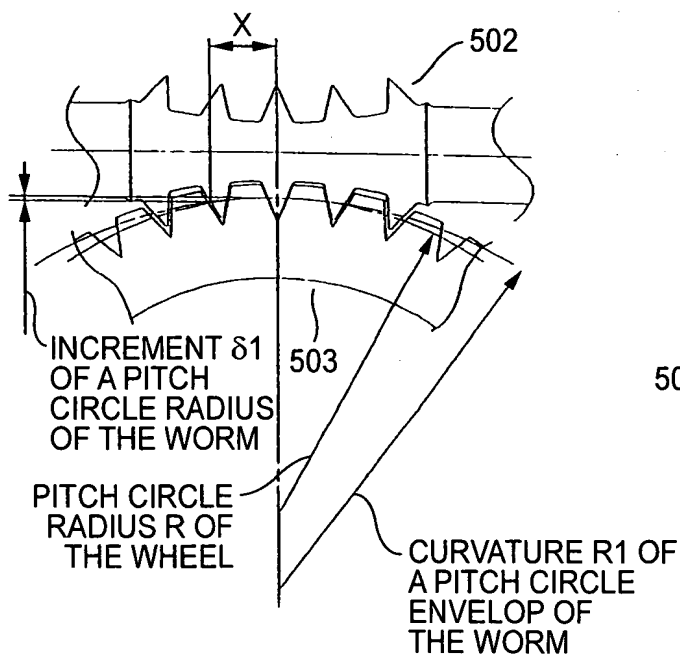
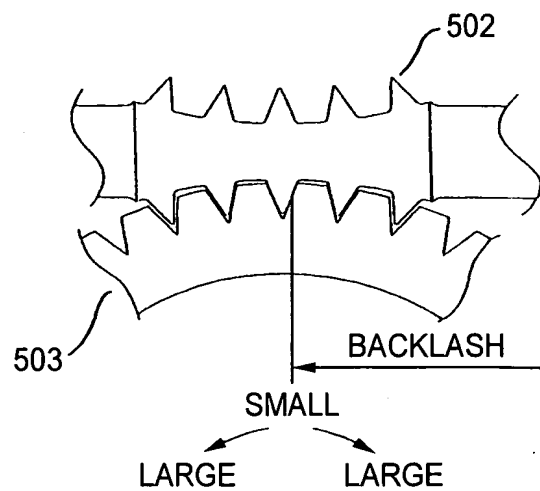
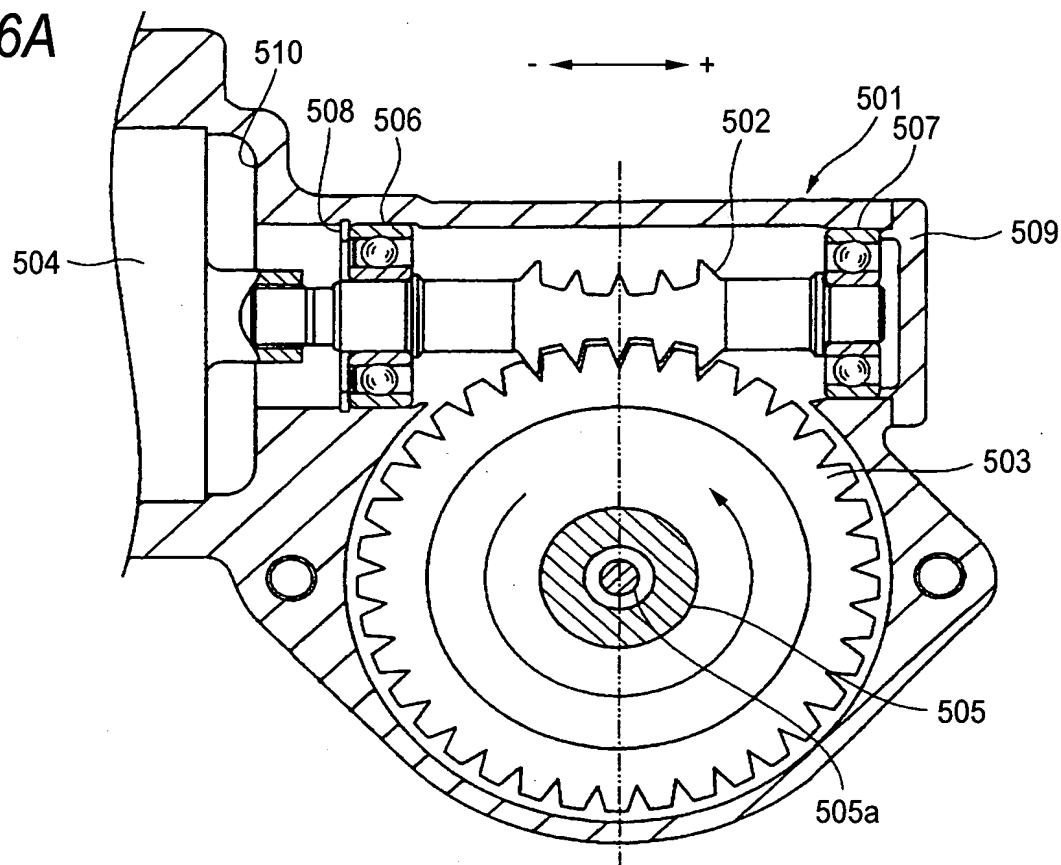


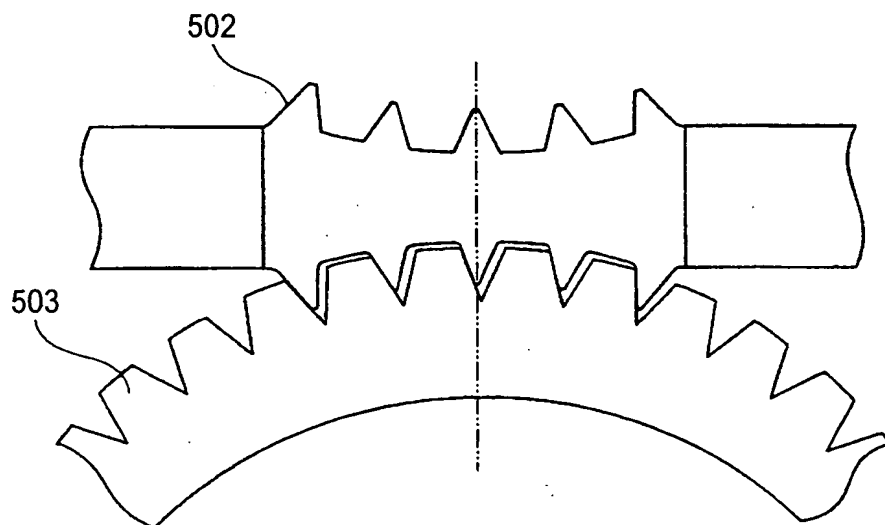
FIG. 25C



**FIG. 26A**



**FIG. 26B**



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FIG. 27

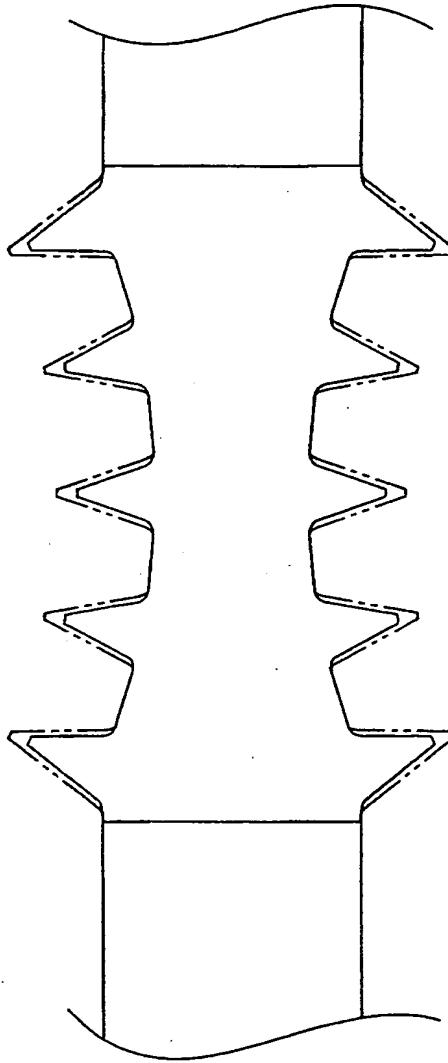


FIG. 28A

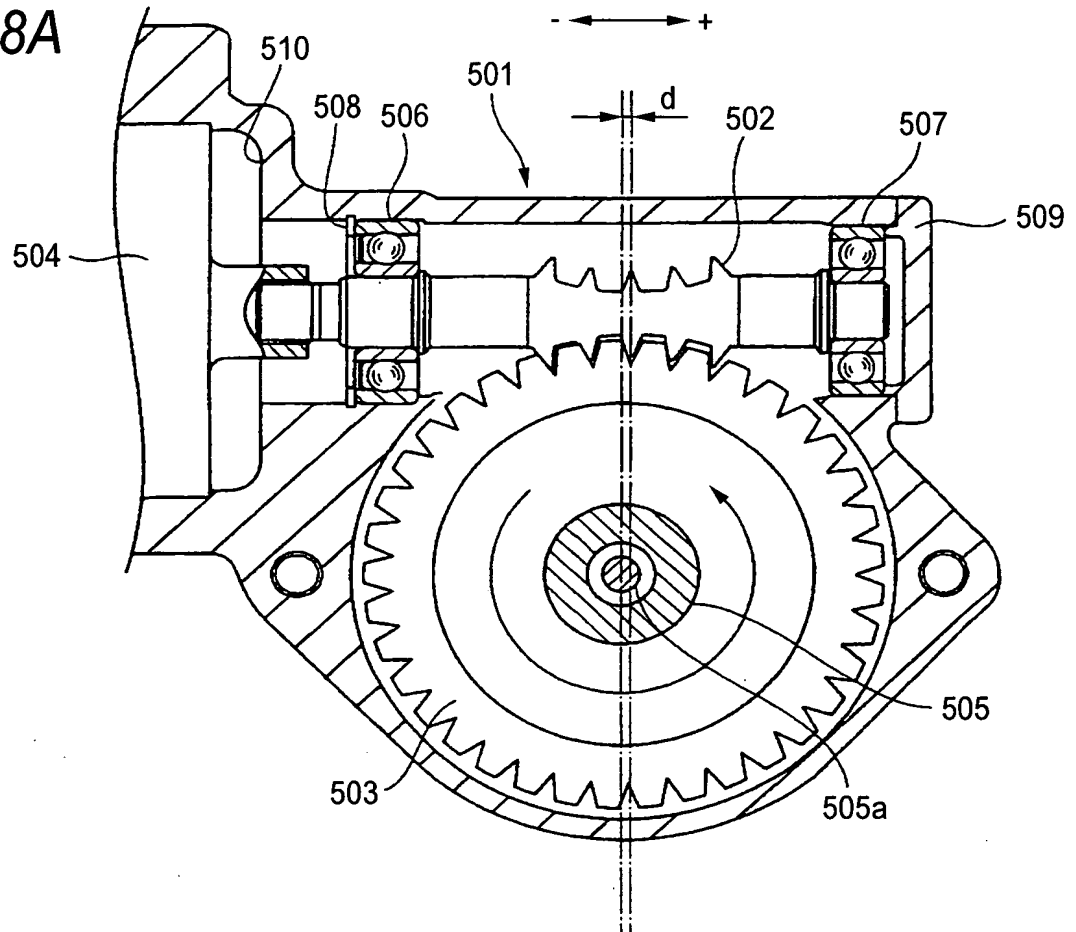


FIG. 28B

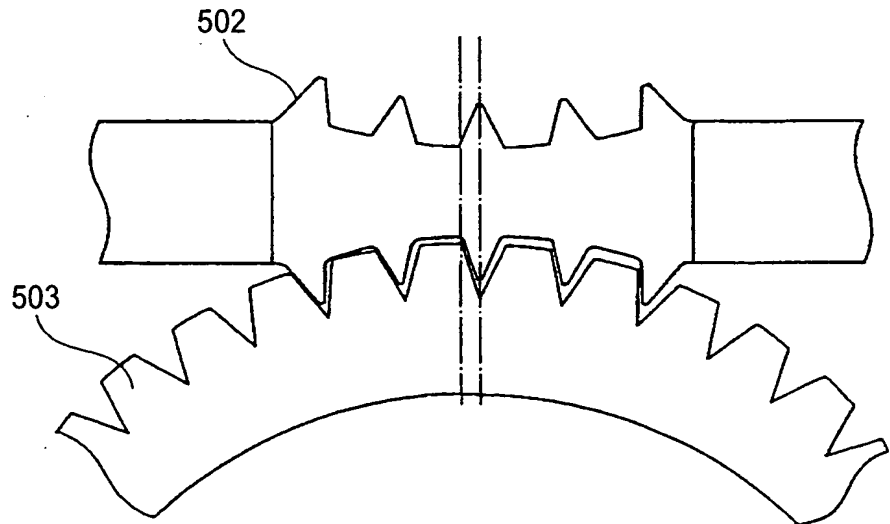


FIG. 29A

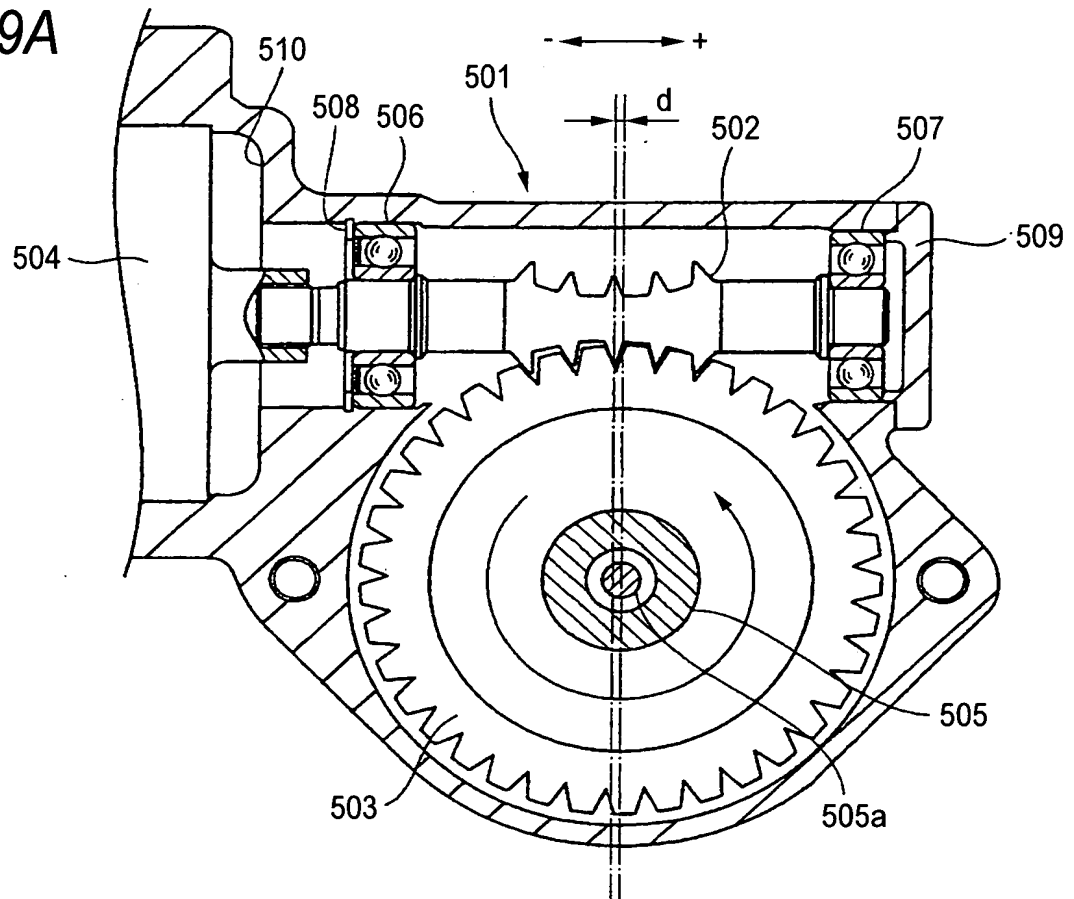
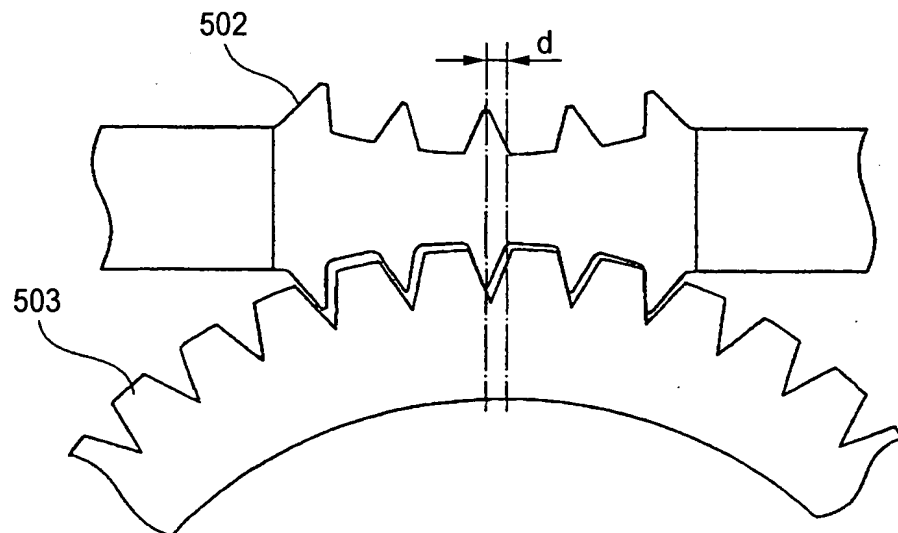


FIG. 29B



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FIG. 30A

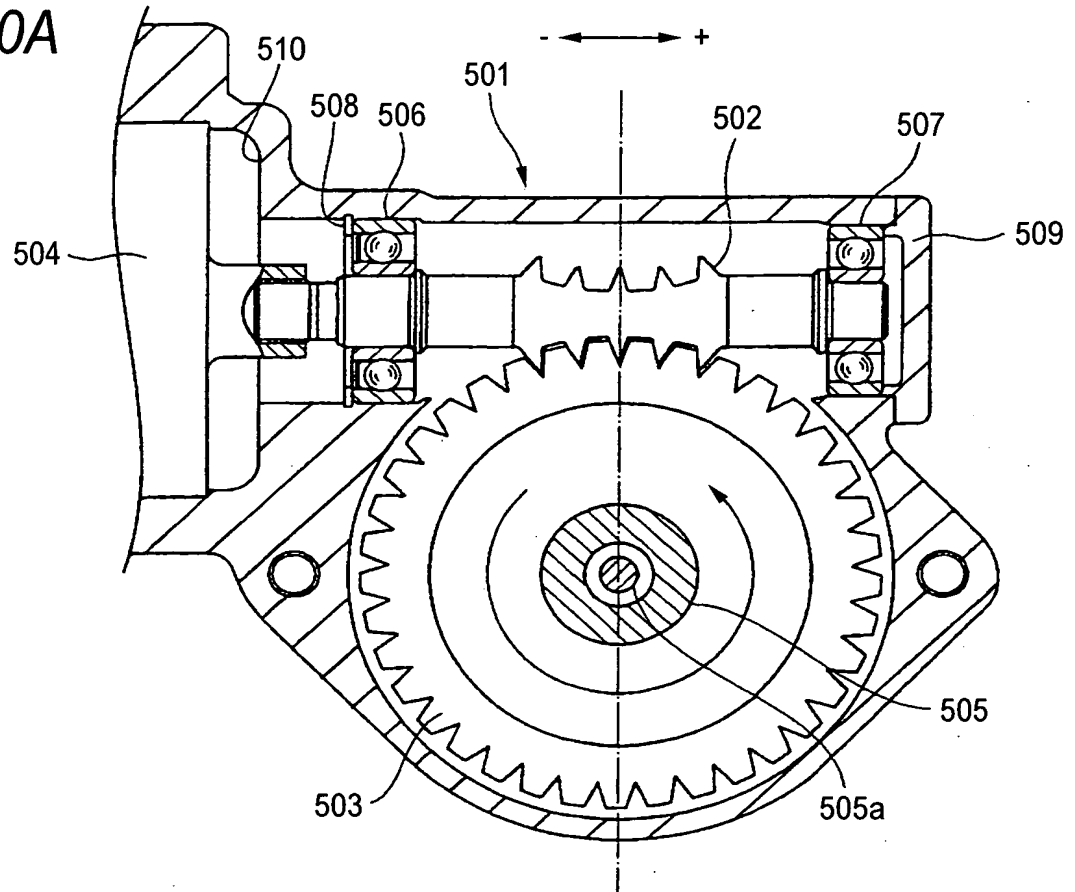


FIG. 30B

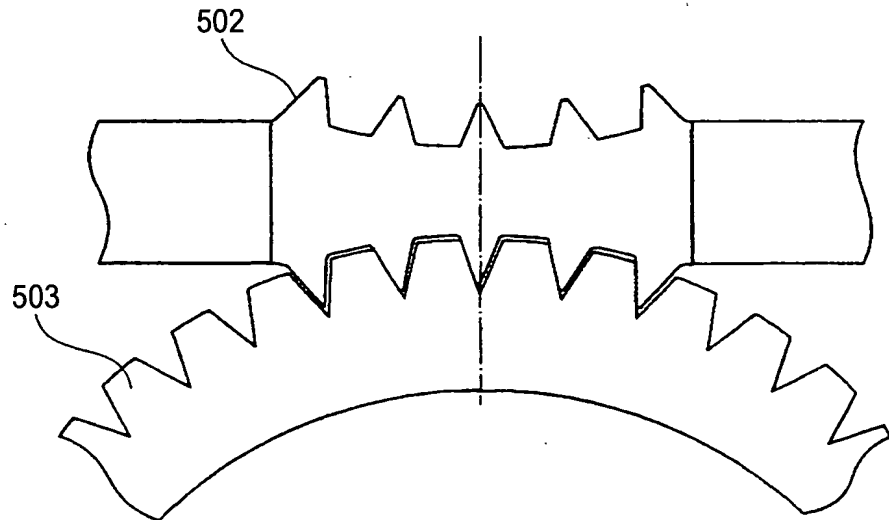
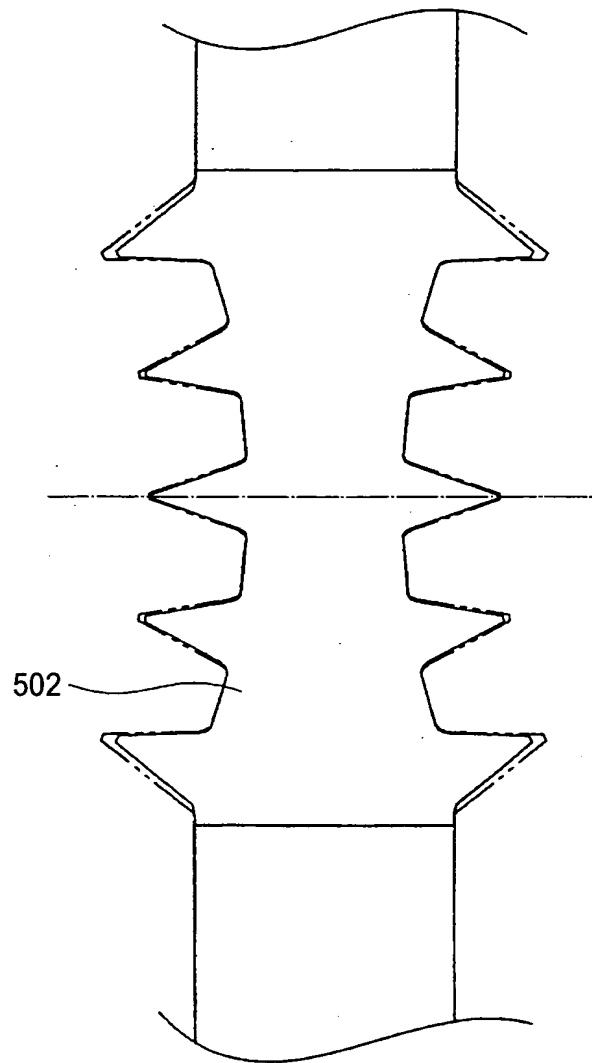


FIG. 31



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FIG. 32A

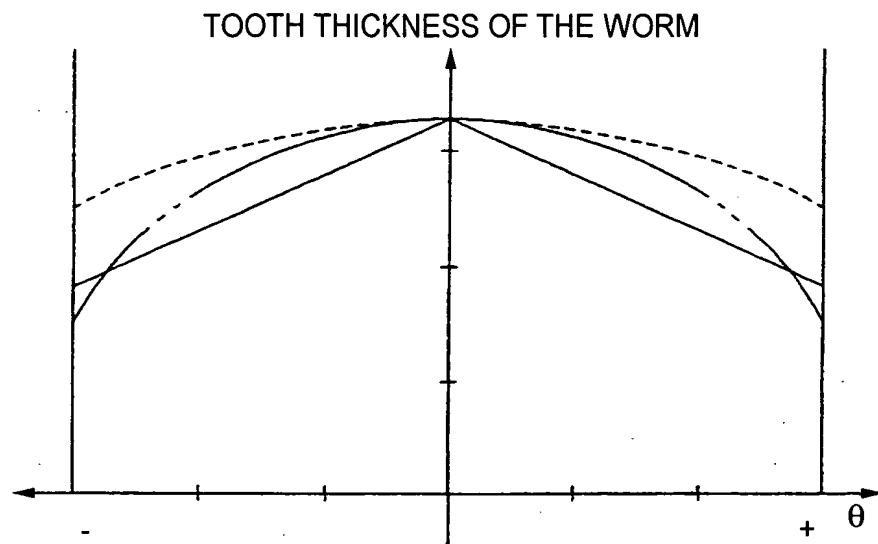


FIG. 32B

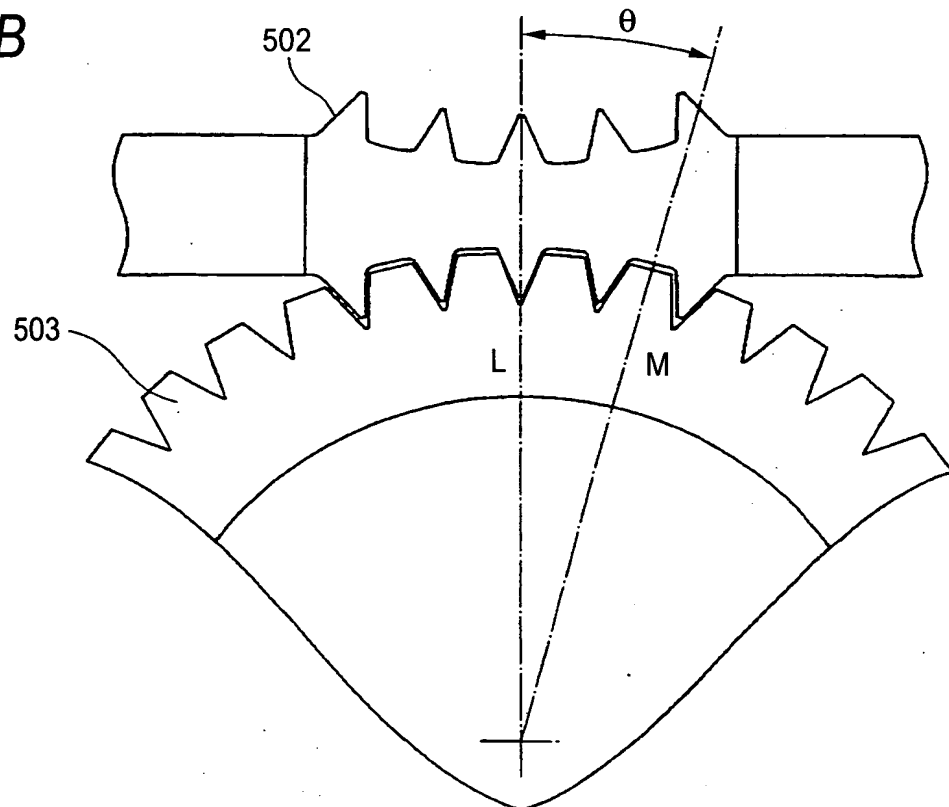




FIG. 33A

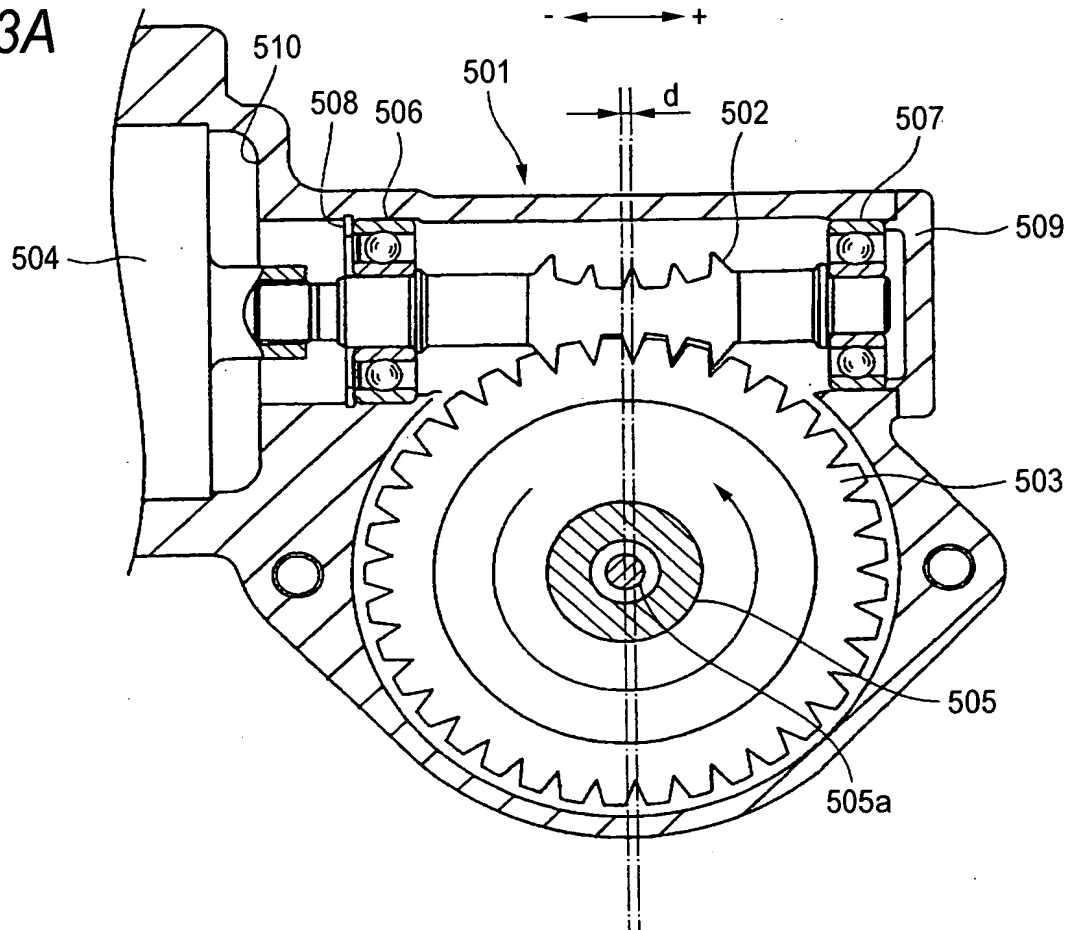
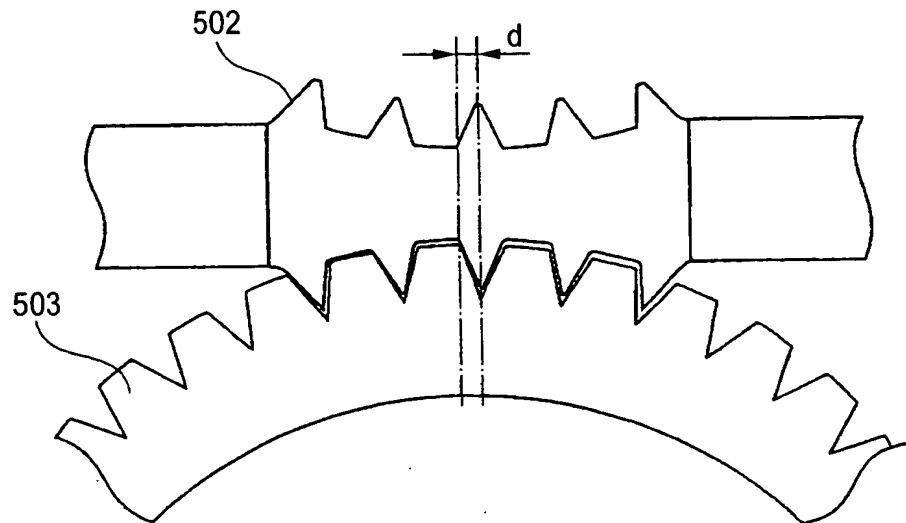
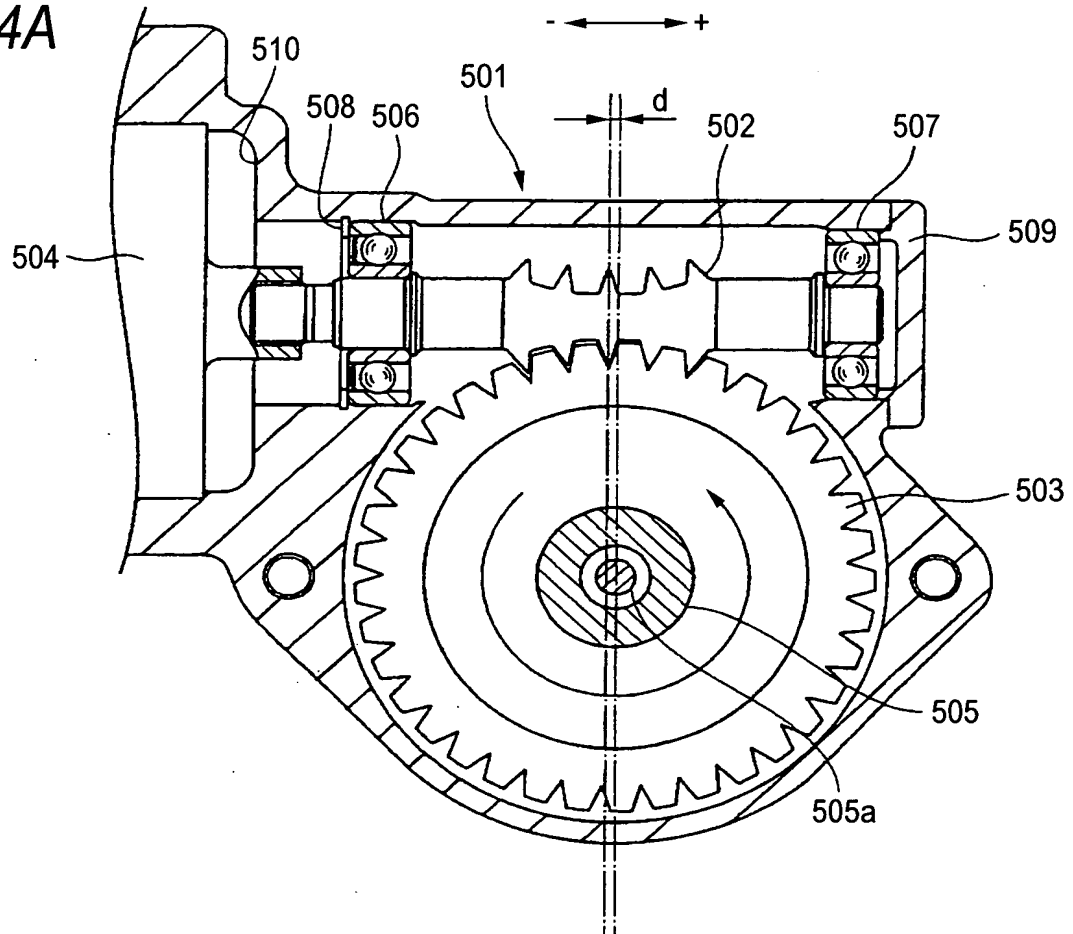


FIG. 33B



**FIG. 34A**



**FIG. 34B**

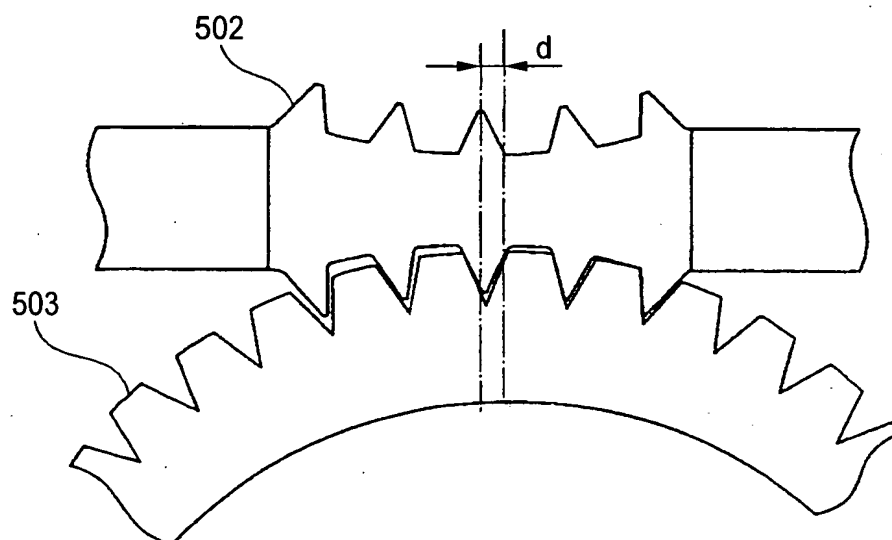


FIG. 35

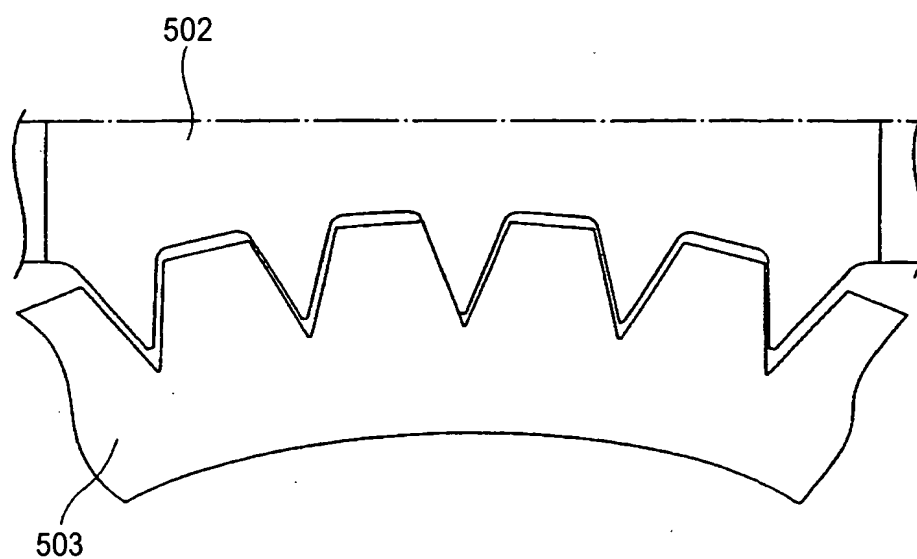


FIG. 36

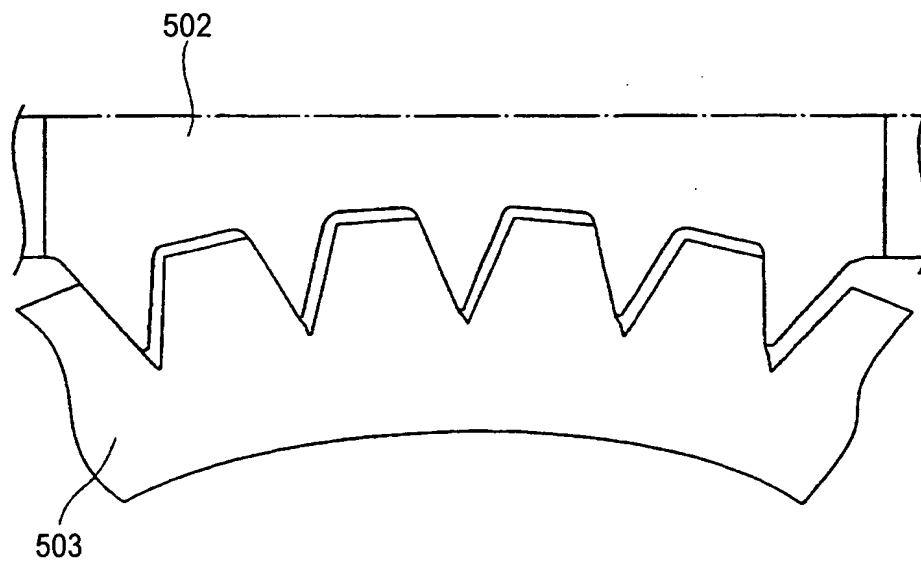


FIG. 37A

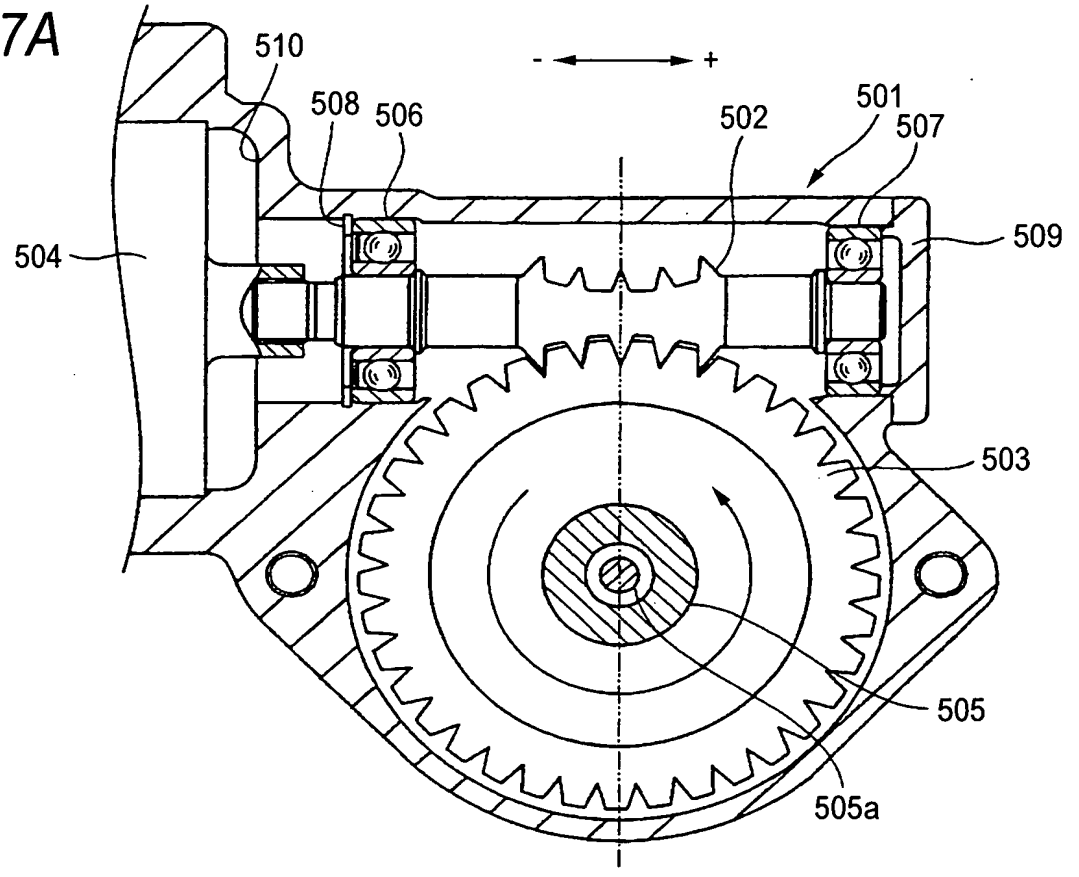


FIG. 37B

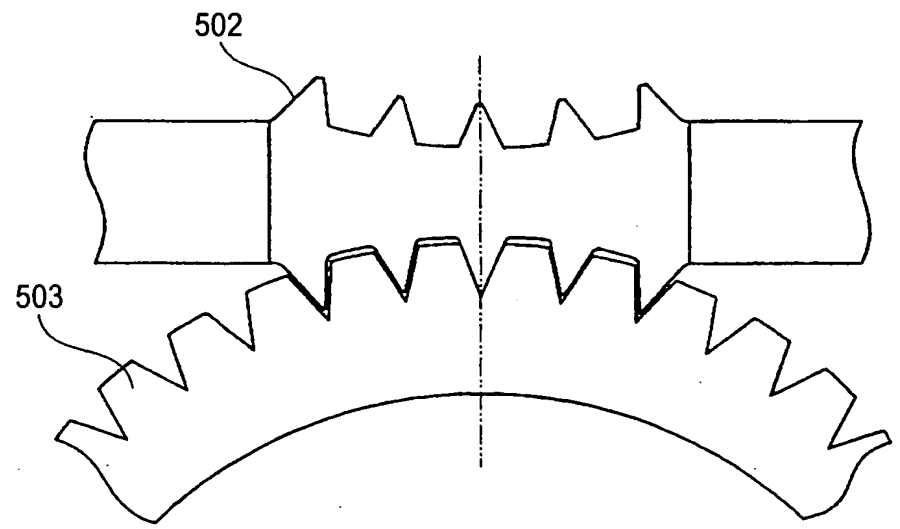
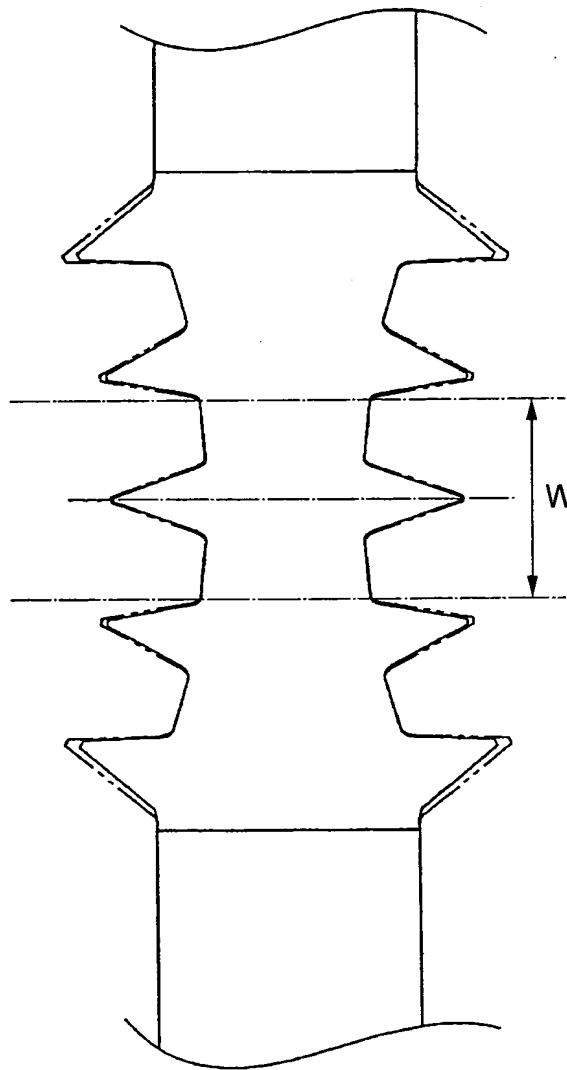


FIG. 38



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FIG. 39A

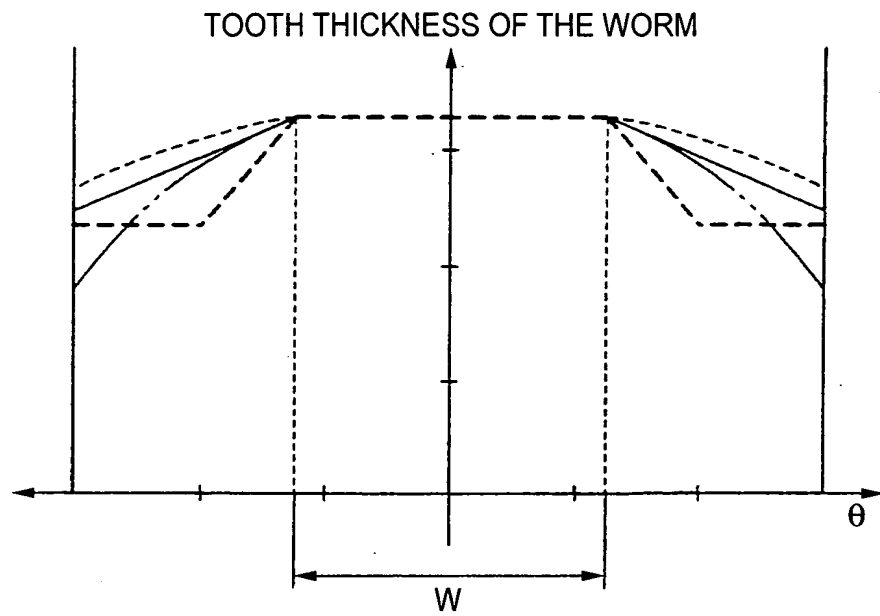


FIG. 39B

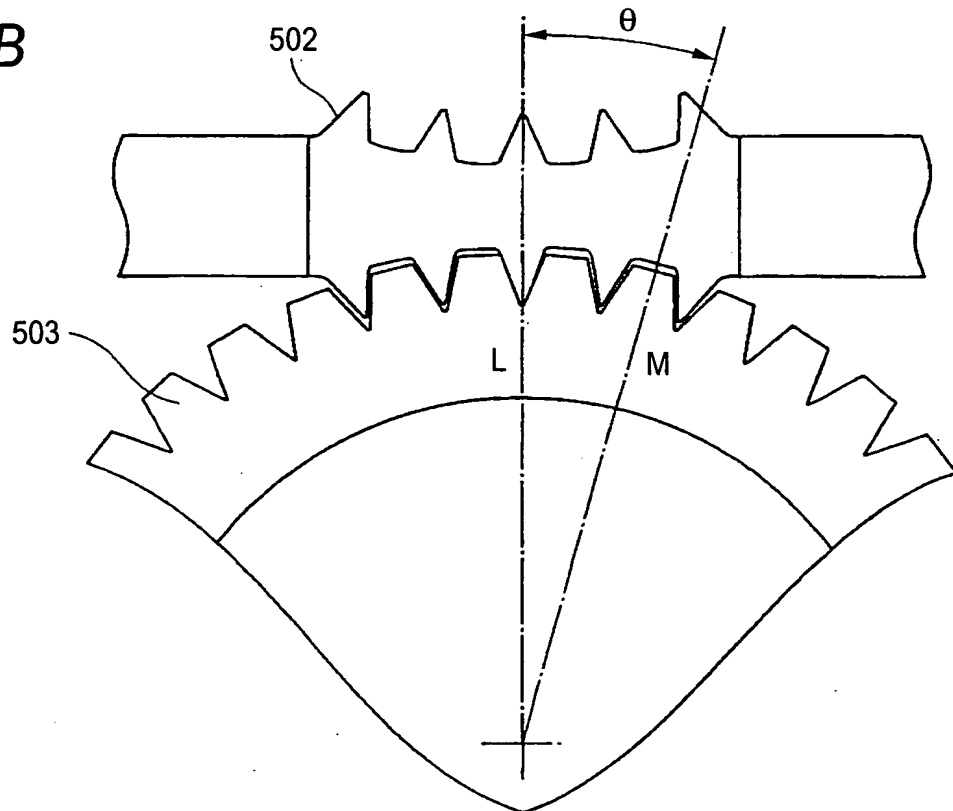


FIG. 40A

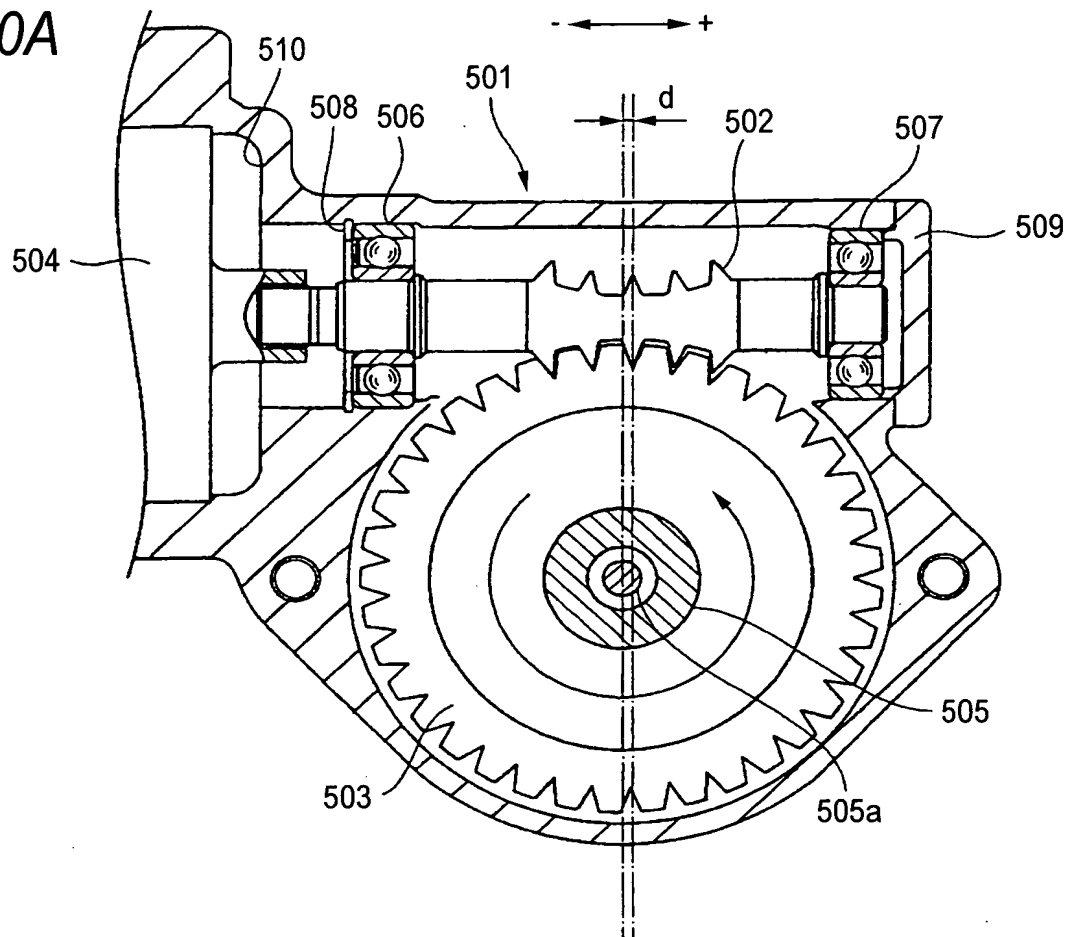


FIG. 40B

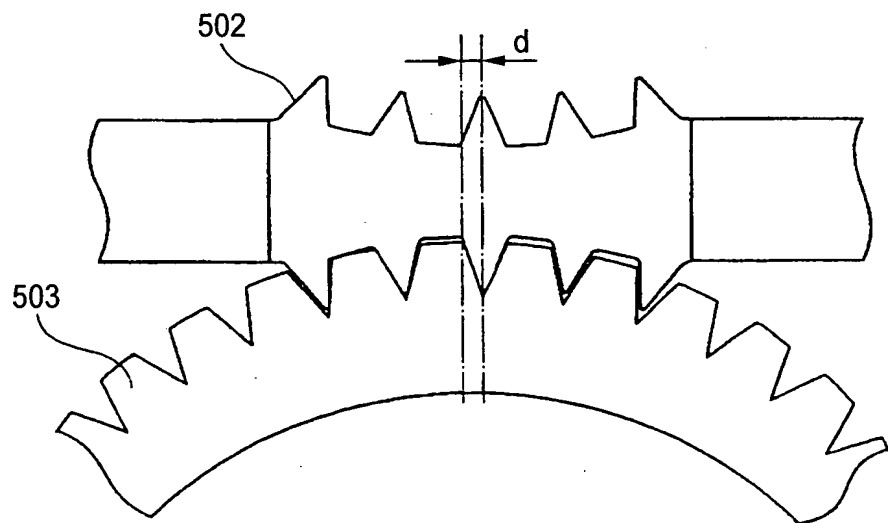


Figure 5 shows a schematic diagram of a gear-like structure 502 and a curved structure 503. Structure 502 is a horizontal assembly with a central vertical axis and a dimension  $d$  indicated. Structure 503 is a curved, gear-like component below it.



FIG. 42A

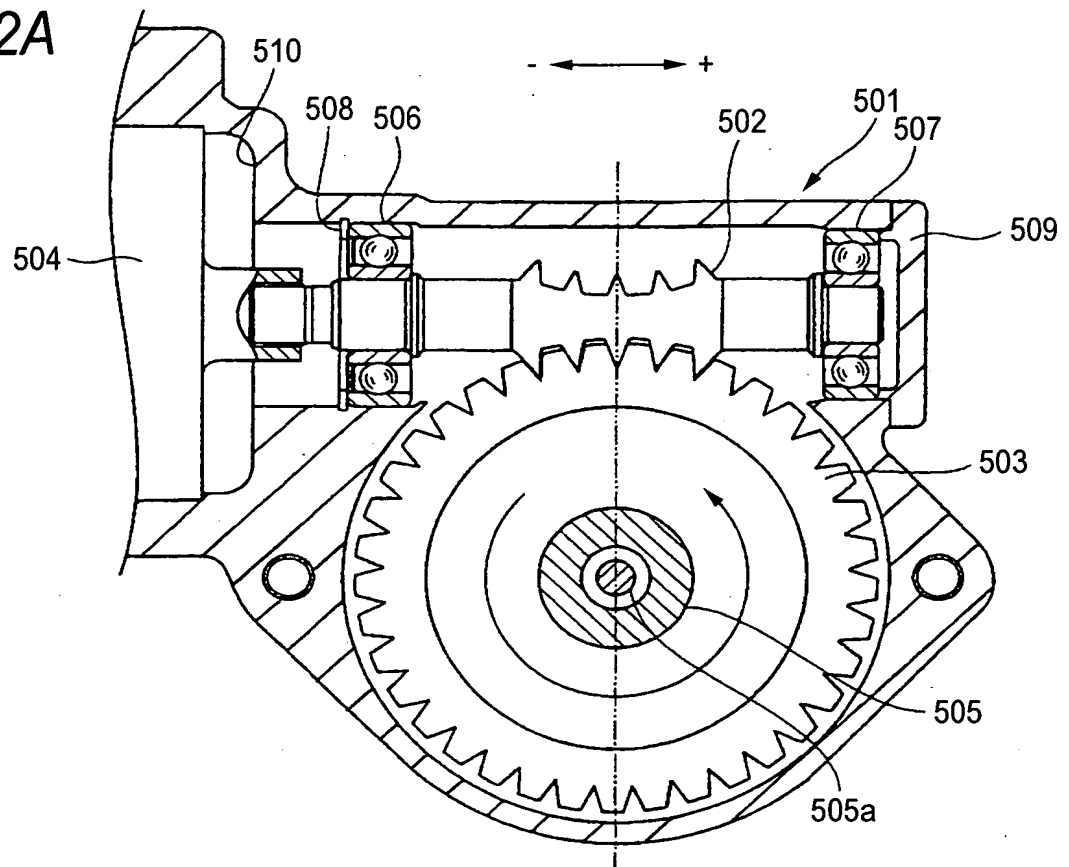


FIG. 42B

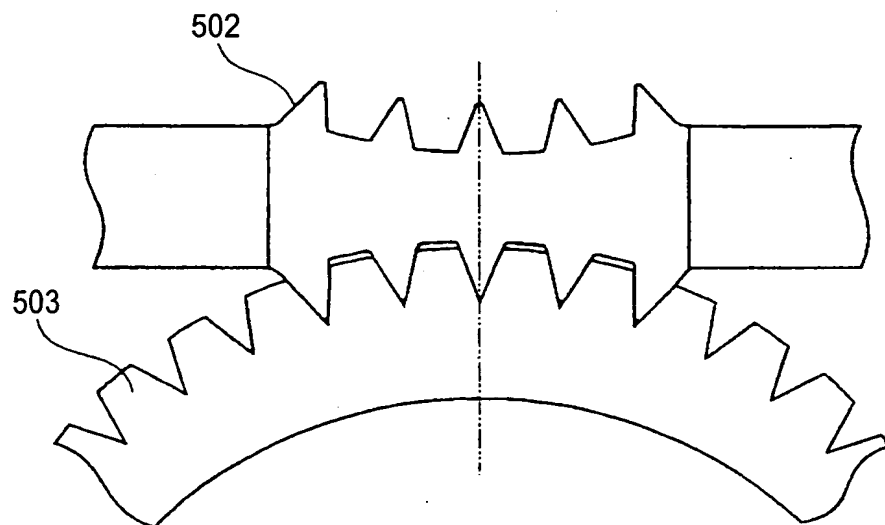


FIG. 43A

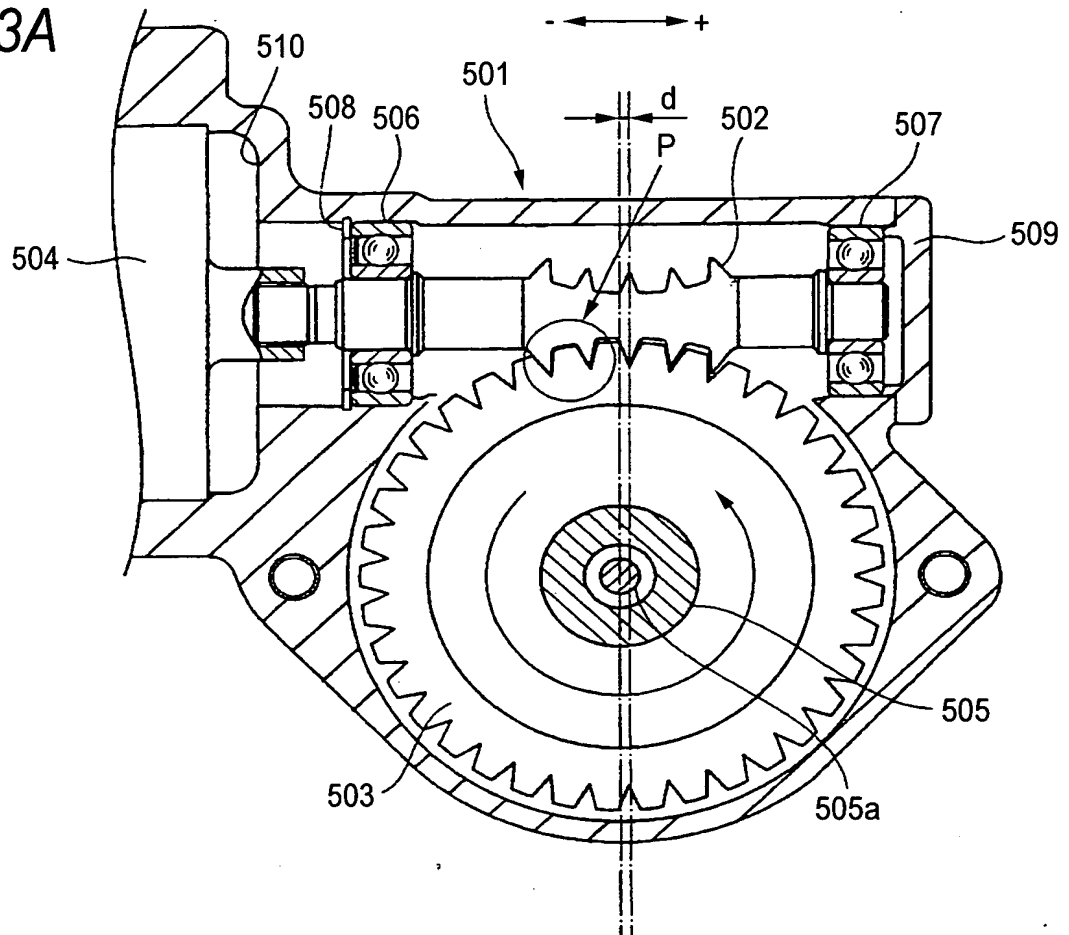


FIG. 43B

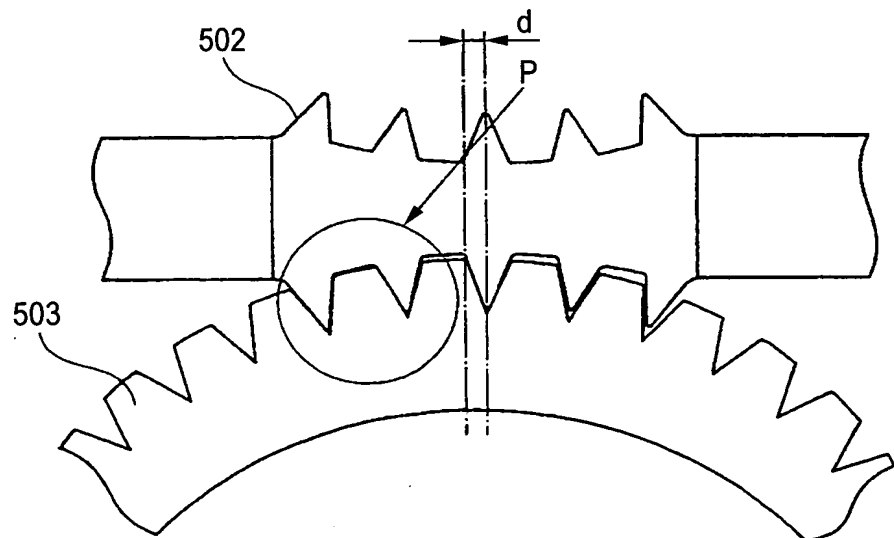


FIG. 4A

FIG. 45A

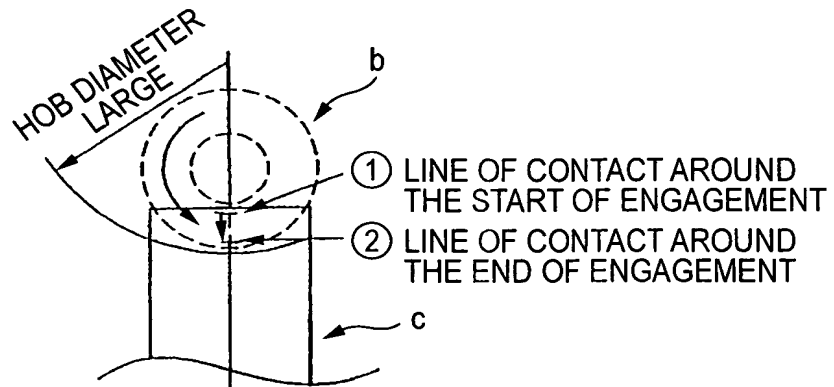


FIG. 45B

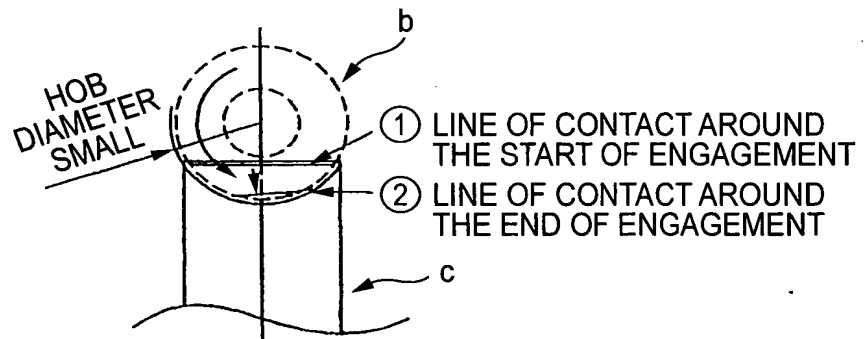


FIG. 45C

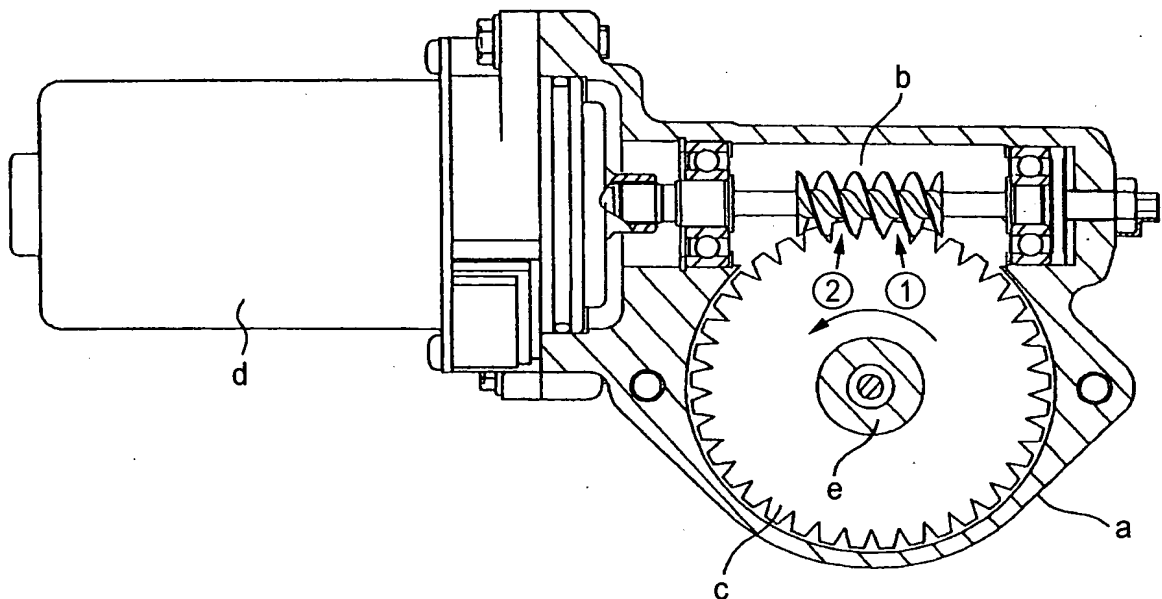


FIG. 46A

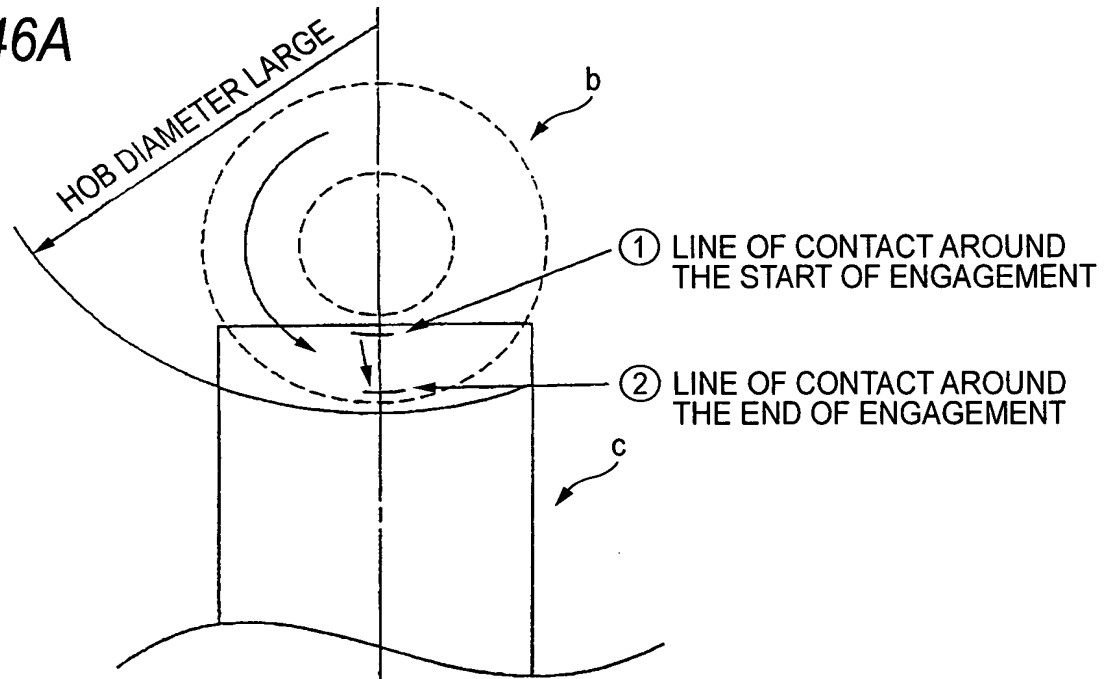


FIG. 46B

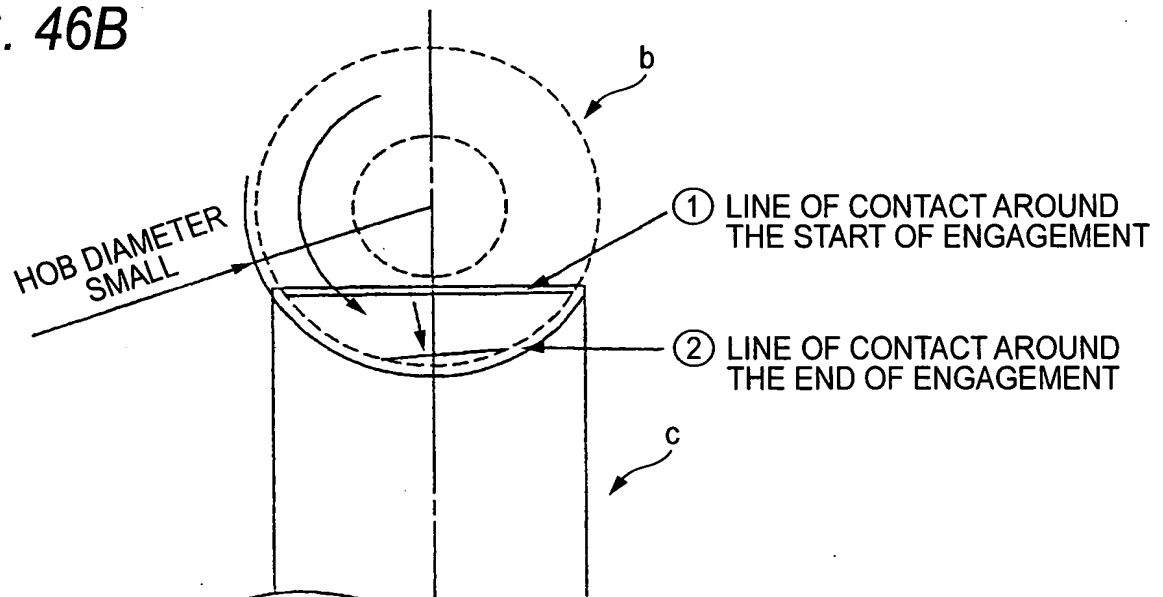


FIG. 47

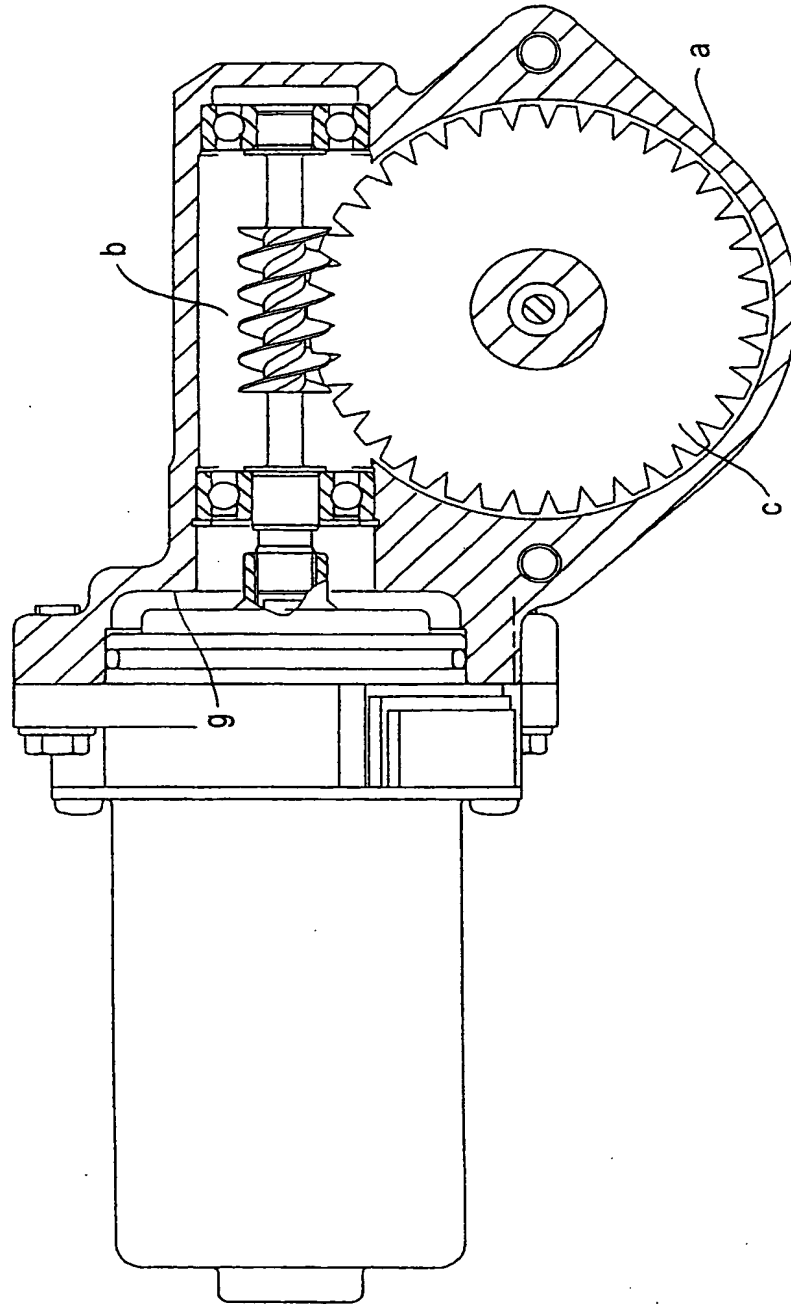


FIG. 48B

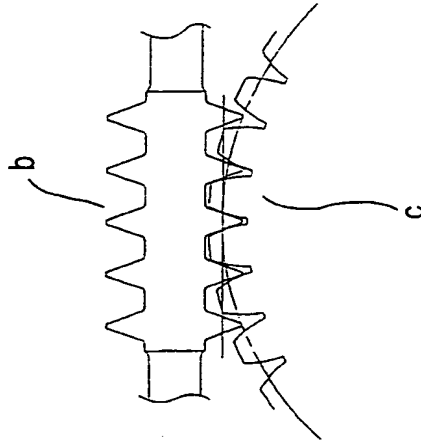


FIG. 48A

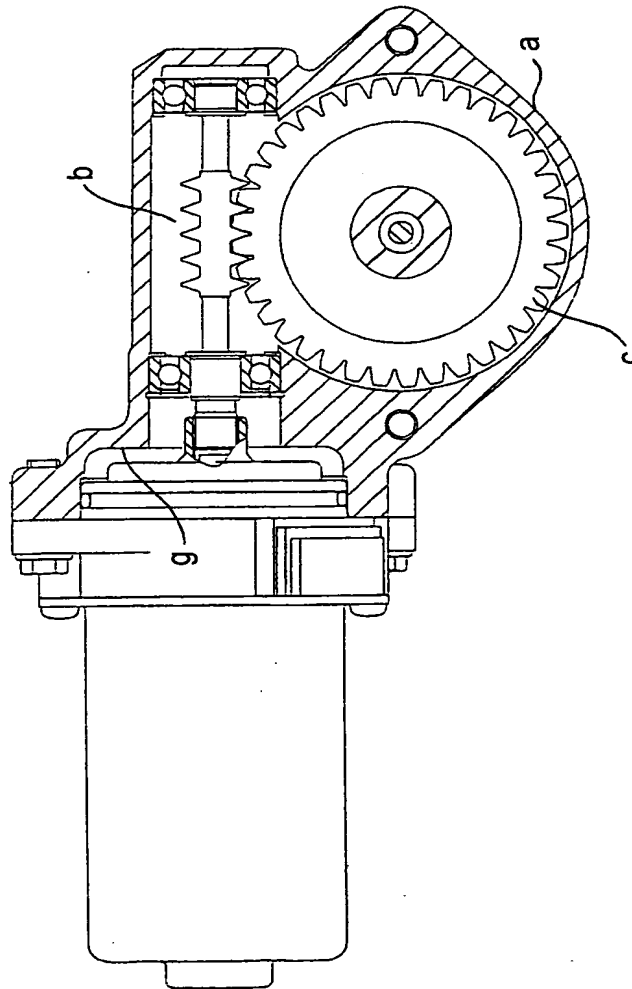


FIG. 49C

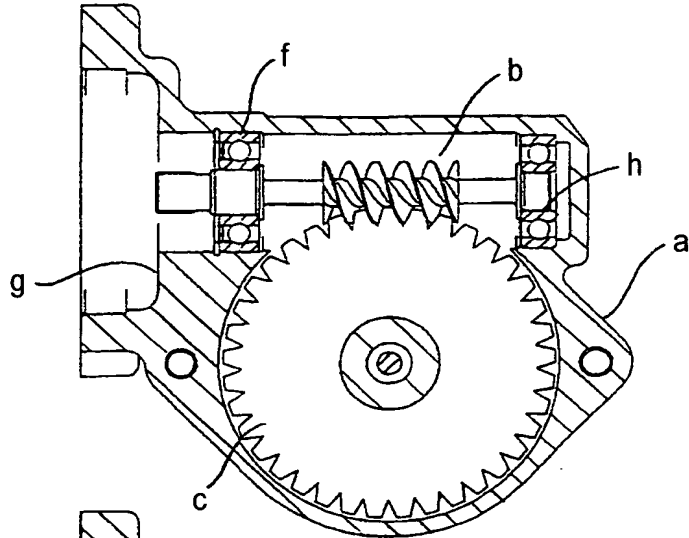


FIG. 49B

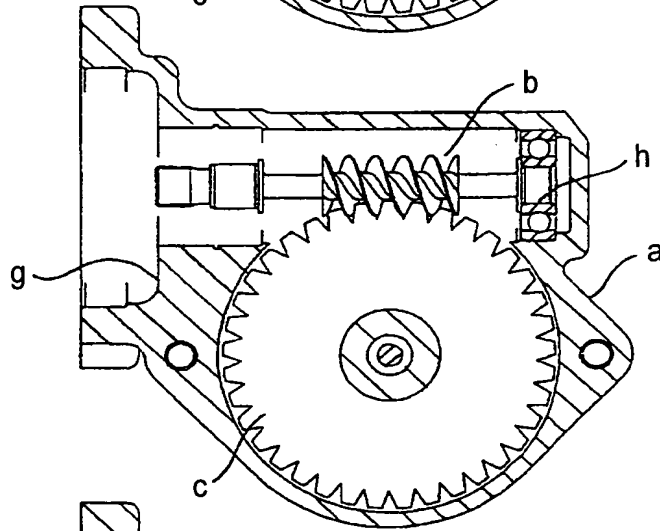


FIG. 49A

